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From the Imperial Japanese
Commissioner.
Sept. 1893

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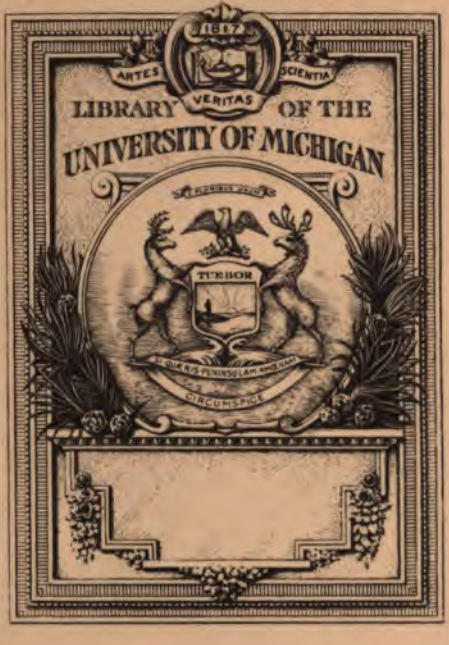
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1893.

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DEPARTMENT L.—EDUCATION.

GROUP 149. CLASS 841.

KINDERGARTENS.

1	Photograph.	1	A	12	Kindergarten gift.	5 cases	
2	ditto	1	„	13	ditto	1	„
3	ditto	1	„	14	ditto		
4	Specimens of work done by infants.	3	„	15	ditto	1	„
5	Pea-work by infants.	3	„	16	ditto		
6	Clay-work by infants.	1	„	17	ditto	1	„
7	Specimens of work done by infants.	1	„	18	ditto		
8	Drawing by infants.	1	„	19	ditto	1	
	APPARATUS FOR INFANT TRAINING.		„	20	ditto		
			„	21	ditto	1	
			„	22	ditto		
9	Kindergarten gift.	1	„	23	ditto		
10	ditto	1	„	24	ditto	1	
11	*ditto*	4	„	25	ditto		
				26	Charts for conversation on Morals.	20	

A	27	Historical pictures.	32
„	28	Colored paper.	1 box
„	29	Model of a house showing its construction.	1 case
„	30	Toy based on arithmetic.	1 „
„	31	Model of fish.	1 „
„	32	Syllabary of the Japanese alphabet.	1 „
„	33	Card-laying.	1 „
„	34	Box garden.	1 „
„	35	Toy.	1 „
„	36	Model of fruits.	1 „
„	37	Model of vegetables.	
„	38	Embroidery.	1 „
„	39	Basket for putting flowers in.	1 „
„	40	Drawing of fowls.	1
„	41	Drawing of animals.	1
„	42	Drawing of birds.	1 case
„	43	Model of elephant.	1
„	44	„ „ tiger.	1
„	45	„ „ cow.	1
„	46	„ „ horse.	1
„	47	„ „ wild hog.	1
„	48	„ „ deer.	1
„	49	„ „ bear.	1
„	50	„ „ pig.	1
„	51	„ „ dog.	1
„	52	„ „ monkey.	1
„	53	„ „ fox.	1
„	54	„ „ badger.	1
„	55	„ „ sheep.	1
„	56	„ „ *Chin* (Japanese dog).	1
„	57	„ „ hare.	1
„	58	„ „ cat.	1
A	59	Model of bat.	
„	60	„ „ rat.	
„	61	„ „ insects.	1 c
„	62	Drawings of fowls.	
„	63	„ „ fish.	
„	64	„ „ animals.	

Chart for Conversation on Morals, A No. 26; Model of Fruits, A No. 36; Model of Vegetables, A No. 37; Model of Insects, A No. 61; Drawing of Fowls, A No. 62; Model of Fish, No. 63; and Drawing of Animals, A No. 64 are used not only for training infants in kindergartens, but are also used for teaching in the elementary schools.

„	65	Copy-book for Drawing.	
„	66	Toys.	
„	67	ditto	
„	68	ditto	
„	69	ditto	
„	70	ditto	
„	71	ditto	
„	72	ditto	
„	73	ditto	
„	74	ditto	
„	75	ditto	
„	76	ditto	
„	77	ditto	
„	78	ditto	
„	79	ditto	
„	80	ditto	
„	81	ditto	

A	82	Toys.	5
„	83	ditto	1
„	84	ditto	1
„	85	ditto	1
„	86	ditto	1
„	87	ditto	1
„	88	ditto	1
„	89	ditto	1
„	90	ditto	2
„	91	ditto	1
„	92	ditto	1
„	93	ditto	1
„	94	ditto	1
„	95	ditto	1
„	96	ditto	1
„	97	ditto	1
„	98	ditto	1
„	99	ditto	1
„	100	ditto	1
„	101	ditto	1
„	102	ditto	1
„	103	ditto	5
„	104	ditto	1
„	105	ditto	1 case
„	106	ditto	1
„	107	ditto	1
„	108	ditto	1
„	109	ditto	1
„	110	ditto	1
„	111	ditto	5
„	112	ditto	1
„	113	ditto	1
„	114	ditto	2
„	115	ditto	1
„	116	ditto	1
„	117	ditto	1
„	118	ditto	1
„	119	*ditto*	1
A	120	Toys.	1
„	„	ditto	1
„	„	ditto	1
„	„	ditto	1

The objects A 1–120 consist of those exhibited by the Kindergartens and those collected by the Department of Education. They are designed to show the present condition of the Kindergartens.

SPECIMENS OF WORK DONE BY INFANTS.

		Specimens of work done by infants.	4 tablets.
„	121	ditto	1 vol.
„	122	Kindergarten gift.	
„	123	ditto	
„	124	ditto	5
„	125	ditto	
„	126	ditto	
„	127	Specimens of work done by infants.	1
„	128	Kindergarten gift.	
„	129	ditto	1
„	130	ditto	
„	131	ditto	
„	132	ditto	
„	133	ditto	1
„	134	ditto	
„	135	Specimens of work done by infants.	1 tablet.
„	136	Kindergarten gift.	1 case
„	137	ditto	1
„	138	ditto	1
„	139	ditto	1
„	140	Specimens of work done by infants.	
„	141		

A	142	Specimens of work done by infants.	1
„	143	ditto	1
„	144	ditto	1 vol.
		APPARATUS FOR INFANT TRAINING.	
„	145	Models of various objects for conversations.	1 case
„	146	Pictures for conversation on Morals.	8 rolls
„	147	Apparatus for infant training.	1 case
		SPECIMENS OF WORK DONE BY CONDUCTORS.	
„	148	Specimens of work done by assistant-conductors.	1 tablet.
A	149	Specimens of work done by conductors and infants. (in folding screen).	1
„	150	Specimens of work done by conductors.	1 vol.
„	151	ditto	1 case
„	152	Specimens of work done by pupil-conductors.	1 vol.

The specimens of handiwork by conductors are specially exhibited for the purpose of reference. In A No. 146, the specimens of conductors' work are mixed with infants' work, as, in this case, it was impossible to exhibit them separately.

GROUP 149. CLASS 842.

ELEMENTARY SCHOOLS.

B	1	Photograph of school buildings.	1
„	2	ditto	1
„	3	Plan of school buildings.	1
„	4	ditto	1
		WORK BY PUPILS.	
„	5	Examination papers.	17
„	6	ditto	18 vols.
„	7	ditto	1
„	8	*ditto*	5
B	9	Examination papers.	3
„	10	ditto	3
„	11	ditto	1
„	12	ditto	1
„	13	ditto	1
„	14	ditto	1
„	15	ditto	1
„	16	ditto	1
„	17	ditto	1
„	18	ditto	1
„	19	ditto	1
„	20	ditto	3

DRAWING BY PUPILS.

B	21	Brush drawing.	1 vol.
„	22	ditto	1
„	23	Pencil drawing.	8
„	24	Map.	4

SEWING BY PUPILS.

„	25	Elementary sewing.	10
„	26	ditto	3
„	27	*Furoshiki* (cloth used for wrapping).	1
„	28	*Zukin* (hood).	1
„	29	*Yodarekake* (bib).	1
„	30	*Munakake* (a kind of apron).	1
„	31	*Saifu* (money bag).	1
„	32	Shirt.	1
„	33	*Juban* (under-garment) for gentlemen.	1
„	34	Model of *juban* (under-garment) for ladies.	1
„	35	*Hitoye* (summer garment) for children.	1
„	36	*Tsutsu-sode* (garment without sleeves) for children.	1
„	37	*Hitoye* (summer garment) for gentlemen.	1
„	38	*Awase* (lined garment) for children.	1
„	39	*Awase* (lined garment) for gentlemen.	1
B	40	*Wataire* (padded garment) for children.	1
„	41	*Wataire* (padded garment) for ladies.	1
„	42	*Awase-haori* (lined coat) for gentlemen.	1
„	43	*Wataire-haori* (padded coat) for gentlemen.	1
„	44	*Hakama* (a kind of trousers).	1
„	45	*Obi* (belt) for children.	1
„	46	*Obi* (belt) for ladies.	1
„	47	*Sodenashi-haori* (coat without sleeves) for children.	1
„	48	*Teko* (a kind of gloves).	1 pair
„	49	*Kōgake* (a kind of leggings).	1 „
„	50	*Patchi* (a kind of trousers).	1 „
„	51	*Kyahan* (leggings).	1 „
„	52	Elementary sewing.	10
„	53	*Furoshiki* (cloth used for wrapping).	2
„	54	*Nuka-bukuro* (bag for keeping rice-bran, used as soap).	5

B	55	*Zukin* (hood).	1
„	56	*Yodare-kake* (bib).	1
„	57	*Juban* (under-garment) for gentlemen.	1
„	58	*Juban* (under-garment) for ladies.	1
„	59	*Awase-naga-juban* (long lined under-garment) for ladies.	2
„	60	*Hitoye* (summer garment) for children.	1
„	61	*Hitoye* (summer garment) for gentlemen.	1
„	62	*Hitoye* (summer garment) for ladies.	1
„	63	*Awase* (lined garment) for children.	1
„	64	*Awase* (lined garment) for ladies.	1
„	65	*Wataire* (padded garment) for children.	1
„	66	*Wataire* (padded garment) for ladies.	1
„	67	*Awase-haori* (lined coat) for ladies.	1
„	68	ditto	1
„	69	*Hakama* (a kind of trousers).	1
„	70	*Obi (belt) for gentlemen.*	1
B	71	*Obi* (belt) for ladies.	1
„	72	*Sodenashi-haori*(coat without sleeves) for children.	1
„	73	*Maru-dōgi* (padded under-garment without sleeves) for children.	1
„	74	Shirt.	1
„	75	*Momohiki* (a kind of pantaloons).	1
„	76	Elementary sewing.	1
„	77	ditto	1
„	78	ditto	1
„	79	ditto	7
„	80	*Furoshiki* (cloth used for wrapping).	1
„	81	ditto	1
„	82	ditto	1
„	83	Garment made of various pieces of cloth.	2
„	84	*Zukin* (hood).	1
„	85	ditto	1
„	86	*Yodarekake* (bib).	1
„	87	ditto	1
„	88	Cord.	1
„	89	*Munakake* (a kind of apron).	1
„	90	*Juban* (under-garment) for girls.	1
„	91	Model of *juban* (under-garment) for gentlemen.	1
„	92	*Juban* (under-garment) for ladies.	1

93	Model of *nagajuban* (long undergarment) for ladies.	1
94	Explanations for the sewing of garments.	7
95	*Hitoye* (summer garment) for children.	1
96	ditto	1
97	*Hitoye* (summer garment) for gentlemen.	1
98	*Hitoye* (summer garment) for ladies.	1
99	*Awase* (lined garment) for children.	1
100	*Awase* (lined garment) for gentlemen.	1
101	*Wataire* (padded garment) for children.	1
102	*Wataire* (padded garment) for gentlemen.	1
103	Garment made of various pieces of cloth.	1
104	ditto	2
105	Patching.	1
106	ditto	1
107	ditto	1
108	ditto	1
109	*Skirt sewing.*	1
B 110	*Haori* (coat) for gentlemen.	1
„ 111	*Awase-haori* (lined coat) for children.	1
„ 112	*Hifu* (a kind of coat).	1
„ 113	*Hakama* (a kind of trousers).	1
„ 114	*Obi* (belt) for children.	1
„ 115	ditto	1
„ 116	*Obi* (belt) for ladies.	1
„ 117	*Sodenashi-haori* (coat without sleeves) for children.	1
„ 118	*Maru-haori* (a kind of coat) for children.	1
„ 119	Shirt.	1
„ 120	*Hikone-patchi* (a kind of pantaloons).	1
	HANDIWORK BY PUPILS.	
„ 121	Embroidery.	1
„ 122	ditto	1
„ 123	ditto	29
„ 124	ditto	28
„ 125	ditto	1
„ 126	ditto	1
„ 127	ditto	2
„ 128	ditto	2
„ 129	ditto	1
„ 130	ditto	2
„ 131	ditto	6
„ 132	*Yodarekake* (bib).	1
„ 133	ditto	1
„ 134	Hand ball.	

B 135	Bag.	1
„ 136	ditto	1
„ 137	ditto	1
„ 138	ditto	1
„ 139	*Hiji-tsuki* (cushion for resting elbow).	2
„ 140	ditto	1
„ 141	*Kinchaku* (purse).	1
„ 142	ditto	1
„ 143	*Mamori-bukuro* (bag of charms).	1
„ 144	*Tebako* (a small box).	1
„ 145	ditto	1
„ 146	*Oshiye* (raised fancy work).	1
„ 147	ditto	1
„ 148	ditto	2
„ 149	ditto	3
„ 150	Ball.	1
„ 151	ditto	1
„ 152	ditto	1
„ 153	ditto	1
„ 154	ditto	2
„ 155	Woolen knitting.	5
„ 156	ditto	1
„ 157	ditto	1
„ 158	ditto	4
„ 159–207	(Withdrawn).	

TEXT-BOOKS.

„ 208	"Futsū Tokuhon" (Elementary Readers), by K. Takahashi.	8 vols.
„ 209	"*Kōtō* Shōgaku Tokuhon" (Readers for Higher Elementary Schools), by A. Ikenaga and S. Nishimura.	8 vo
B 210	"Jinjō-kwa Shūjichō" (Copy-book for Ordinary Elementary Schools), by K. Itō.	8
„ 211	"Kōtō-kwa Shūjichō" (Copy-book for Higher Elementary Schools), by K. Itō.	8
„ 212	"Jinjō Shōgaku Hissan Zensho" (Written Arithmetic for Ordinary Elementary Schools), by B. Sakuma.	4
„ 213	"Kōtō Shōgaku Hissan Zensho" (Written Arithmetic for Higher Elementary Schools), by B. Sakuma.	4
„ 214	"Shōgaku Shusan Zensho" (Abacus Arithmetic for Elementary Schools), by G. Asaka and S. Kuroda.	8
„ 215	"Gakkō-yō Boki" (Book-keeping for school use), by Y. Yamanishi.	2

B 216	"Shōgaku Chiri Kyōhon" (Elementary Geography), by Y. Ōmura.	6 vols.
„ 217	"Shōgaku Nihonshi" (Rudiments of the History of Japan), by B. Jimbō.	6 „
„ 218	"Rikwa Nyūmon" (Science Guide), by K. Matsumoto.	8 „
„ 219	"Gwagaku Shoho" (Elementary Drawing), by J. Yanagisawa.	10 „
„ 220	"Shōgaku Shōkwa Shū" (Collection of Elementary Songs), compiled in the Department of Education.	3 „
„ 221	Chart of Songs, compiled in the Department of Education.	3 sets
„ 222	"Nōgyōsho" (Agriculture), by K. Furusawa.	3 vols.
„ 223	English Spelling, by Ishida and Tanabe.	1 vol.
„ 224	"Ye-tehon" (Copy-book for Drawing).	2 vols.
„ 225	Chart of Morals based on the Imperial Speech.	20

APPARATUS OF TEACHING.

B 226	Instrument for teaching fractions.	1
„ 227	Large Abacus for Elementary School use.	1
„ „	Apparatus for the Computation of Numbers.	1
„ 228–246	(Withdrawn).	
„ 247	Abacus.	1
„ 248	Card for teaching fractions.	1
„ 249	Specimens of Japanese timber trees.	5 cases
„ 250–252	(Withdrawn).	

PHYSICAL APPARATUS.

„ 253	Irregular plate.	1
„ 254	Pully.	1
„ 255	Wheel and axle.	1
„ 256	Capstan.	1
„ 257	Lever.	1
„ 258	Inclined plane.	
„ 259	Wedge.	1
„ 260	Model of screw.	1
„ 261	Ring to illustrate the centrifugal force.	1
„ 262	Balance with a set of brass weights.	1
„ 263	(Withdrawn).	
„ 264	Equilibrium tubes.	1
„ 265	Plumbum bomb.	1
„ 266	Spirit level.	1

B 267	Apparatus for the downward pressure of liquids.	1
		1
„ 268	Apparatus for the upward pressure of liquids.	1
„ 269	Model of water-wheel.	1
„ 270	Apparatus to illustrate Archimedes' principle.	1
„ 271	(Withdrawn).	
„ 272	Air pump.	1
„ 273	Bell glass receiver.	1
„ 274	Two glass bottles for the expansion of air.	1
„ 275	Small India-rubber balloon.	2
„ 276	Open top bell glass receiver with a piece of India-rubber sheet.	1
„ 277	Barascope, glass glove.	1
„ 278	Vacuum fountain.	1
„ 279	Tantalus' cup.	1
„ 280	Magdeburg hemisphere.	1
„ 281	Barometric tube, reserver, and funnel.	1 set
„ 282	Mercury.	2
„ 283	Model of lifting and forcing pump.	1
„ 284	Steel bar for vibration.	1
„ 285	*Toothed wheel.*	1
B 286	Apparatus of sonorous waves.	1
„ 287	Tuning fork.	1
„ 288	Violin bow.	1
„ 289	Model of thermometer.	1
„ 290	Thermometer.	1
„ 291	Ball and ring.	1
„ 292	Compound bar, copper and iron.	1
„ 293	Bar, connecting copper and iron.	1
„ 294	Working model of steam engine.	1
„ 295	Prism.	
„ 296	(Withdrawn).	1
„ 297	Double convex lens.	1
„ 298	Double concave lens.	1
„ 299	Reflection apparatus.	1
„ 300	Refraction apparatus.	1
„ 301	Model of the eye.	1
„ 302	Newton's colored disc.	1
„ 303	Glass rod for generating electricity.	1
„ 304	Ditto, covered with sealing wax.	1
„ 305	A piece of silk.	1
„ 306	A piece of wool.	1
„ 307	Electric pendulum.	1
„ 308	Gold leaf electroscope.	1
„ 309	Electrophorus.	1
„ 310	Cat skin.	1

B 311	Ramsden's friction machine.	1
„ 312	Leyden jar.	1
„ 313	Discharger.	1
„ 314	Model of lightning conductor.	1
„ 315	Electrical sportsman.	1
„ 316	Leyden jar with bell, and bell for slow discharges.	1
„ 317	Electrical flies on stand.	1
„ 318	Copper and zinc tongs for galvanic experiment.	1
„ 319	Bunsen's Galvanic battery.	1
„ 320	(Withdrawn).	
„ 321	Galvanometer, simple form.	1
„ 322	Voltameter.	1
„ 323	Horse-shoe electric magnet.	1
„ 324	Model of Morse's telegraphic recorder and key.	1
„ 325	Steel bar.	1
„ 326	Apparatus to illustrate Oersted's law.	1
„ 327	Compass.	1
„ 328	Bar magnet.	2
„ 329	Sand iron.	1
„ 330	Cotton wound copper wire.	3 *jō.*

CHEMICAL APPARATUS.

B 331	Glass mortar and pestle.	1
„ 332	Cork's borer.	1
„ 333	Glass tube.	1
„ 334	Retort stand.	1
„ 335	Retort.	2
„ 336	Iron tripod stand.	1
„ 337	Copper wire gauge.	2
„ 338	Test tubes frame.	1
„ 339	Support for hot test-tube.	1
„ 340	Test tube.	12
„ 341	Test tubes brush.	1
„ 342	Balance, in glass case, with weights.	1
„ 343	Glass spirit lamp.	2
„ 344	Flask.	4
„ 345	Bottle with wide mouth.	6
„ 346	Glass funnel.	2
„ 347	Filtering paper.	100
„ 348	Porcelain evaporating basin.	2
„ 349	Sand bath of iron plate.	1
„ 350	Receiver.	2
„ 351	Calcium tube.	1
„ 352	U-shaped tube.	1
„ 353	Calcium tube with ball.	1
„ 354	Pneumatic trough of iron plate.	1
„ 355	Caoutchouc tube.	5 *shaku.*
„ 356	Gas holder.	1
„ 357	Copper wire gauge spoon.	1

B 358	Test paper.	3
„ 359	Blow-pipe.	1
„ 360	Charcoal.	1
„ 361	Cork.	24
„ 362	Caoutchouc stopper.	6
„ 363	Horse-shoe magnet.	1
„ 364	Shallow porcelain dish.	6
„ 365	Hydrogen gas bottle.	1
„ 366	Wolff's bottle, with two necks.	1
„ 367	Steel spatula.	1
„ 368	Triangular file.	1
„ 369	Round file.	1
„ 370	Glass cylinder, graduated.	1
„ 371	Glass cylinder.	1
„ 372	Glass bottle with narrow mouth.	6
„ 373	Deflagrating spoon.	2
„ 374	Iron retort.	1
„ 375	Porcelain crucible, with cover	1
„ 376	Lead crucible.	1
„ 377	Crucible tongs.	1
„ 378	Cork squeezer.	1
„ 379	Portable furnace.	1
„ 380	Glass plates.	6
„ 381	Bell glass receiver.	1
„ 382	Thermometer.	1
„ 383	Beaker.	1 set.
„ 384	Glass rod.	3

SPECIMENS, MODELS, ETC.

„ 385	Japanese mineralogical specimens.	1 set.
B 386	Japanese botanical specimens.	1 set.
„ 387	Models of Japanese flora.	5 kinds.
„ 388	Specimens of Japanese rocks.	1 set.

ZOOLOGICAL SPECIMENS.

„ 389	*Kawahori* (Vesperugo abramus, Tem.).	1
„ 390	*Mugura* (Talpa moogura, Temm.).	1
„ 391	*Itachi* (Mustela Itatsi, Tem).	1
„ 392	*Nezumi* (Mus decumanus, Pall.).	1
„ 393	Ditto (*Skeleton*).	1
„ 394	*Kawasemi* (Alcedo bengalensis, Gm.).	1
„ 395	*Aokera* (Gecinus Awokera, Tem.).	1
„ 396	*Yotaka* (Caprimulgus Jotaka, T. & S.).	1
„ 397	*Chōma-tsugumi* (Turdus fuscatus, Pall.).	1
„ 398	*Suzume* (Passer montanus, L.).	1
„ 399	*Hashibuto-karasu* (Corvus japonensis, Bp.).	1
„ 400	*Haitaka* (Accipiter nisus, L.).	1
„ 401	*Kijibato* (Turtur orientalis, Lath.).	1

B	402	*Uzura* (Coturnix communis, Bon.).	1
„	403	*Jishiki* (Scolopax gallinago, L.).	1
„	404	*Shirasagi* (Ardea intermedia, Wagl.).	1
„	405	*Kogamo* (Anas crecca, L.).	1
„	406	*U* (Phalacrocorax capillatus, T. & S.).	1
„	407	*Ajisashi* (Sterna longipennis, Nord.).	1
„	408	*Kaitsuburi* (Podiceps minor, Gm.).	1
„	409	*Ishigame* (Clemmys japonica, Gray).	1
„	410	*Tokage* (Eumeces quinquelineatus, L.).	1
„	411	*Yamakagashi* (Tropidonotus tigrinus).	1
„	412	*Hikigaeru* (Bufo vulgaris, Linn.).	1
„	413	*Tonosamagaeru* (Rana esculenta, L.).	1
„	414	*Imori* (Triton pyrrhogaster, Boje).	1
„	415	*Suzuki* (Percalabrax japonicus, C. & V.).	1
„	416	*Kasukodai* (Pagrus cardinalis, C. & V.).	1
B	417	*Saba* (Scomber colias, L.).	1
„	418	*Ina* (Mugil cephalotus, C. & V.).	1
„	419	*Sayori* (Hemiramphus Sayori, Sc.).	1
„	420	*Meitagarei* (Paraphrys cornuta, Sc.).	1
„	421	*Funa* (Carassius auratus, L.).	1
„	422	*Ayu* (Plecoglossus altivelis, Sc.).	1
„	423	*Anago* (Congramuræna Anago, Sc.)	1
„	424	*Mafugu* (Tetraodon vermicularis, Sc.).	1
„	425	*Yōjiuwo* (Syngnathus serratus, Sc.).	1
„	426	*Hoshizame* (Mustelus manazo, Bleek.).	1
„	427	*Yatsume-unagi* (Petromyzon fluviatilis, L.).	1
„	428	*Hoya* (Cynthia, Sp.).	1
„	429	*Namako* (Stichopus japonicus, Sel.).	1
„	430	*Tako-no-makura* (Clypeaster, Sp.).	1
„	431	*Kikyōgai* (Poronella, Sp.).	1
„	432	*Uni* (Echinometra, Sp.).	1
„	433	*Hitode* (Asterias, Sp.).	1

B 434	*Iidako* (Octopus ocellatus, D' Orb. & Fer.).	1	
„ 435	*Maika* (Sepia esculenta, Hoyle.).	1	
„ 436	*Mimiika* (Sepiola japonica, D'Orb. & Fer.).	1	
„ 437	*Katatsumuri* (Helix quaesita, Desh.).	1	
„ 438	*Kiserugai* (Clausilia, Sp.).	1	
„ 439	*Naganishi* (Hemifusus tuba, Reer.).	1	
„ 440	*Bai* (Epurna japonica, Lisc.).	1	
„ 441	*Sazaye* (Turbo cornatus, Gm.).	1	
„ 442	*Takaragai* (Cypræa mauritiana, L.).	1	
„ 443	*Tokobushi* (Haliotis supertenta, Lisc.).	1	
„ 444	*Yomegasara* (Patella nigrotinæta, Reer.).	1	
„ 445	*Mirukui* (Lutraria Nuthali, Cour.).	1	
„ 446	*Mate* (Solen, Sp.).	1	
„ 447	*Baka* (Trigonella sulcataria, Desh.).	1	
„ 448	*Hamaguri* (Cytherea meretrix, Reer).	1	
„ 449	*Sarubō* (Scapharea suberenata, Lisc.).	1	
B 450	*Tobukai* (Anodonta, Sp.).	1	
„ 451	*Igai* (Mytilus Dunkeri, Reer.).	1	
„ 452	*Itayagai* (Vola laqueata, Sow.).	1	
„ 453	*Kaki* (Ostrea, Sp.).	1	
„ 454	*Kimarubachi* (Bombus, Sp.).	1	
„ 455	*Hachi* (Polistes, Sp.).	1	
„ 456	*Ari* (Ponera, Sp.).	1	
„ 457	*Michioshie* (Cicindela chinensis, De Geer.).	1	
„ 458	*Gengorō* (Cybister japonicus, Sharp).	1	
„ 459	*Hanamuguri* (Glycyphana avgyrosticta, Burm).	1	
„ 460	*Tentōmushi* (Coccinella F-punctata, Scop.).	1	
„ 461	*Kiageha* (Papilio machaon, L.).	1	
„ 462	*Chalanaseseri* (Pamphila pellucida, Mur.).	1	
„ 463	*Yūgahobetlō* (Chaerocampa japonica, Butl.).	1	
, 464	*Kaiko-no-chō* (Bombyx mori, L.).	1	
„ 465	*Abu* (Eristalis, Sp.).	1	
„ 466	*Shōya* (Asilus, Sp.).	1	
„ 467	*Aobae* (Calliphora, Sp.).	1	

B 468	*Mizukamakiri* (Ranatra fusca, Beauv.).	1
„ 469	*Aburasemi* (Cicada, Sp.).	1
„ 470	*Ohagurotombo* (Calopterix, Sp.).	1
„ 471	*Akatombo* (Diptax, Sp.).	1
„ 472	*Kurumabatta* (Acrydium, Sp.).	1
„ 473	*Hasamimushi* (Forficula, Sp.).	1
„ 474	*Mukade* (Scolopendra, Sp.).	1
„ 475	*Yasude* (Julus, Sp.).	1
„ 476	*Mekuragumo* (Phalangium, Sp.).	1
„ 477	*Benkeigani* (Pachysoma intermedius, D. H.).	1
„ 478	*Tenagaeli* (Palaemon longipes, D. H.).	1
„ 479	*Yadokari* (Pagurus, Sp.).	1
„ 480	*Shako* (Squilla oratoria, D. H.).	1
„ 481	*Funamushi* (Ligia, Sp.).	1
„ 482	*Kamenote* (Pollicipes mitella, Darw).	1
483	*Mekwaja* (Lingula anatina, L.).	1
484	*Hiru* (Hirudo nipponica, Whit.).	1
485	*Hara-no-mushi* (Ascaris lumbricoides, L.).	1
B 486	*Kudasango* (Tubipona, Sp.).	1
„ 487	*Umihiba* (Gorgoria, Sp.).	1
„ 488	*Midori-ishi* (Modrepora, Sp.).	1
„ 489	*Biwagaraishi* (Oculina, Sp.).	1
„ 490	*Umiwata* (Euspongia, Sp.).	1
„ 491	*Umihechima* (Chalina, Sp.)	1
„ 492	*Mushinosu* (Halichondria, Sp.).	1
„ 493	*Kohorogi* (Acheta, Sp.).	1

SPECINENS OF FRUITS AND VEGETABLES.

„ 494	*Renkon* (Nelumbium speciosum).	
„ 495	*Wasabi* (Eutrema Wasabi).	
„ 496	*Kabura* (Brassica campestris).	
„ 497	*Daikon* (Raphanus sativus).	
„ 498	*Tebushukan* (Citrus medica, var. chirocarpus).	
„ 499	*Remon* (Citrus limonum).	
„ 500	*Mikan* (Citrus nobilis).	
„ 501	*Yuzu* (Citrus aurantium).	

B	502	*Zabon* (Citrus decumana).	B	520	*Hechima* (Luffa petola).
„	503	*Natsume* (Zyzyphus vulgaris).	„	521	*Kiuri* (Cucumis sativus).
„	504	*Budō* (Vitis vinifera).	„	522	*Makuwauri* (Cucumis Melo).
„	505	*Soramame* (Vicia faba).	„	523	*Suikwa* (Citrullus edulis).
„	506	*Endō* (Pisum sativum).	„	524	*Tōnasu* (Cucurbita Pepo).
„	507	*Ōmame* (Glycine hispida).	„	525	*Ninjin* (Daucus Carota).
„	508	*Natamame* (Canavallia ensiformis).	„	526	*Udo* (Aralia cordata).
„	509	*Azuki* (Phaseolus radiatus).	„	527	*Gobō* (Lappa major).
„	510	*Fujimame* (Dolichos cultratus).	„	528	*Kaki* (Diospyros Kaki).
„	511	*Mume* (Prunus Mume).	„	529	*Satsuma-imo* (Ipomæa batatas).
„	512	*Momo* (Prunus persica).	„	530	*Jagatara-imo* (Solanum tuberosum).
„	513	*Sumomo* (Prunus triflora).	„	531	*Nasubi* (Solanum Melongena).
„	514	*Botankyō* a kind of Prunus communis).	„	532	*Hōzuki* (Physalis Alkekengi).
„	515	*Nashi* (Pyrus ussuriensis).	„	533	*Kuri* (Castanea vulgaris, *var.* japonica).
„	516	*Ringo* (Pyrus Malus).	„	534	*Myōga* (Zingiber Mioga).
„	517	*Biwa* (Photinia Eriobotria japonica).	„	535	*Shōga* (Zingiber officinale).
„	518	*Zakuro* (Punica Granatum).	„	536	*Tsukune-imo* (Dioscorea batatas).
„	519	*Tōgwa* (Lagenaria dasistemon).	„	537	*Negi* (Allium fistulosum).
			„	538	*Tamanegi* (Allium porrum).

B 539	*Rakkyō* (Allium Bakeri).	
„ 540	*Satoimo* (Colocasia antiquorum).	
„ 541	*Kuwai* (Sagittaria sagittaefolia).	
„ 542	*Tōmorokoshi* (Zea Mays).	
„ 543	*Takenoko* (Bambusa Sp.), young shoot.	
„ 544	*Matsudake* (Armillaria Sp.).	
	The objects, B. Nos. 1–544, are such as were exhibited by elementary schools and collected by the Department of Education. They are designed to show the present condition of elementary schools.	
545–556	(Withdrawn).	
557–581	Tools and Instruments for Manual Training.	
582–584	(Withdrawn).	
„ 585	Photograph of school buildings.	1
„ 586	ditto	1
„ 587	ditto	2
„ 588	ditto	1
„ 589	ditto	1
„ 590	ditto	1
„ 591	ditto	1
„ 592	ditto	1
„ 593	ditto	1
„ 594	*ditto*	1
B 595	Photograph of school buildings.	1
„ 596	ditto	2
„ 597	ditto	1 tablet
„ 598	ditto	4
„ 599	ditto	1
„ 600	ditto	1
„ 601	ditto	1
„ 602	ditto	1
„ 603	ditto	1
„ 604	ditto	1
„ 605	ditto	1
„ 606	ditto	2
„ 607	ditto	1
„ 608	ditto	2
„ 609	ditto	1
„ 610	ditto	1
„ 611	ditto	1
„ 612	ditto	1
„ 613	ditto	1
„ 614	ditto	1
„ 615	ditto	1
„ 616	ditto	1
„ 617	ditto	1
„ 618	ditto	1
„ 619	ditto	1
„ 620	ditto	1
„ 621	ditto	1
„ 622	ditto	1
„ 623	ditto	4
„ 624	Plan of school buildings.	1
„ 625	ditto	1 tablet
„ 626	(Withdrawn).	

DRAWING BY PUPILS.

„ 627	Pencil drawing.	1 vol.
„ 628	ditto	8 vols.

B	629	Pencil drawing.	1 vol.	B	666	Brush drawing.	1 vol.
„	630	ditto	1 „	„	667	ditto	1 „
„	631	ditto	1 „	„	668	ditto	2 vols.
„	632	ditto	1 „	„	669	ditto	4 „
„	633	ditto	2 vols.	„	670	ditto	1 vol.
„	634	ditto	1 vol.	„	671	ditto	1 „
„	635	ditto	8 vols.	„	672	ditto	1 „
„	636	ditto	1 vol.	„	673	*Inumesara* (dish).	20
„	637	ditto	1 „	„	„	*Hishigata-mukō-tsuke* (small dish).	20
„	638	ditto	1 „				
„	639	ditto	1 „	„	„	Water-pot.	2
„	640	ditto	1 „	„	„	Plate for meat.	6
„	641	ditto	1 „	„	„	Sugar-pot.	2
„	642	ditto	1 „	„	674	Coffee dish.	12
„	643	ditto	1 „	„	„	*Keigata-mukōtsuke* (dish).	20
„	644	ditto	1 „				
„	645	ditto	1 „	„	„	*Kiku-totte-futamono* (dish with lid).	2
„	646	ditto	1 „				
„	647	ditto	1 „	„	„	Flower-vase.	2
„	648	ditto	1 „			ditto	2
„	649	ditto	1 „	„	„	*Sukashi-futamono* (dish with lid).	2
„	650	ditto	1 „				
„	651	ditto	1 „	„	„	*Gakusara* (plate).	2
„	652	ditto	4 vols.	„	„	Flower-vase.	2
„	653	ditto	4 „	„	„	Large cup.	2
„	654	ditto	2 „	„	„	Censer for burning incense.	2
„	655	ditto	1 vol.				
„	656	ditto	4 vols.	„	675	(Withdrawn).	
„	657	ditto	4 „				
„	658	ditto	11 „			**SEWING BY PUPILS.**	
„	659	ditto	4 „	„	676	Elementary sewing.	15
„	660*a*	ditto	3 „	„	677	ditto	1
„	660*b*	ditto	3 „	„	678	ditto	1
„	661	Brush drawing.	45	„	679	ditto	1
„	662	ditto	1 vol.	„	680	ditto	4
„	663	ditto	1 „	„	681	ditto	16
„	664	ditto	1 „	„	682	ditto	10
„	665	ditto	1 „	„	683	ditto	1

B	684	Elementary sewing.	2
„	685	*Furoshiki* (cloth used for wrapping).	2
„	686	ditto	1
„	687	*Mayedare* (a kind of apron).	1
„	688	ditto	1
„	689	ditto	1
„	690	ditto	1
„	691	ditto	1
„	692	ditto	1
„	693	ditto	1
„	694	ditto	1
„	695	ditto	1
„	696	ditto	1
„	697	ditto	2
„	698	*Hakama-mayekake* (a kind of loose trousers).	1
„	699	*Muna-mayekake* (a kind of apron).	1
„	700	ditto	1
„	701	ditto	1
„	702	Needle management.	5
„	703	Part sewing.	16
„	704	Sleeve and skirt sewing.	2
„	705	ditto	12
„	706	ditto	2
„	707	ditto	2
„	708	Skirt sewing.	2
„	709	*Yodarekake* (bib).	6
„	710	ditto	1
„	711	ditto	1
„	712	ditto	1
„	713	ditto	1
„	714	*ditto*	2
B	715	Bag for luncheon box.	1
„	716	ditto	1
„	717	*Zukin* (hood).	1
„	718	ditto	1
„	719	ditto	2
„	720	ditto	1
„	721	ditto	1
„	722	ditto	2
„	723	Model of *juban* (under-garment) for ladies.	1
„	724	ditto	1
„	725	ditto	1
„	726	ditto	1
„	727	ditto	1
„	728	ditto	1
„	729	ditto	1
„	730	ditto	1
„	731	ditto	1
„	732	ditto	1
„	733	ditto	1
„	734	Model of *naga-juban* (long under-garment) for ladies.	1
„	735	Model of *naga-juban* (long under-gar-ment) for ladies.	1
„	736	*Juban* (under-gar-ment) for gentle-men.	1
„	737	ditto	1
„	738	*Awase-juban* (lined under-garment) for gentlemen.	1
„	739	*Awase-naga-juban* (long lined un-	

		der-garment) for ladies.	1
B	740	Model of *katabira* (thinnest summer garment) for gentlemen.	1
„	741	Part sewing of *hitoye* (summer garment).	1
„	742	Model of *hitoye* (summer garment).	1
„	743	Model of *katabira* (thinnest summer garment).	1
„	744	Model of *hitoye* (summer garment).	2
„	745	ditto	3
„	746	ditto	1
„	747	ditto	1
„	748	ditto	1
„	749	ditto	1
„	750	ditto	1
„	751	ditto	1
„	752	ditto	1
„	753	ditto	1
„	754	ditto	1
„	755	Model of *katabira* (thinnest summer garment).	1
„	756	Model of *hitoye* (summer garment).	1
„	757	ditto	1
„	758	ditto	1
„	759	ditto	1
„	760	ditto	1
B	761	Model of *hitoye* (summer garment).	
„	762	ditto	
„	763	ditto	
„	764	ditto	
„	765	Model of *katabira* (thinnest summer garment).	
„	766	Model of *hitoye* (summer garment).	
„	767	ditto	
„	768	ditto	
„	769	ditto	
„	770	ditto	
„	771	ditto	
„	772	Model of *katabira* (thinnest summer garment).	
„	773	Model of *hitoye* (summer garment).	
„	774	ditto	
„	775	ditto	
„	776	ditto	
„	777	ditto	
„	778	ditto	
„	779	ditto	
„	780	ditto	
„	781	ditto	
„	782	ditto	
„	783	ditto	
„	784	ditto	
„	785	ditto	
„	786	ditto	
„	787	Model of *katabira*	

	(thinnest summer garment).	1
B 788	ditto	1
„ 789	Model of *hitoye* (summer garment).	1
„ 790	ditto	1
„ 791	ditto	1
„ 792	ditto	1
„ 793	ditto	1
„ 794	ditto	1
„ 795	ditto	1
„ 796	ditto	1
„ 797	*Hitoye* (summer garment) for children.	1
„ 798	ditto	1
„ 799	ditto	1
„ 800	ditto	1
„ 801	ditto	1
„ 802	ditto	1
„ 803	ditto	1
„ 804	ditto	1
805	ditto	1
806	ditto	1
807	ditto	1
808	ditto	2
809	ditto	1
810	ditto	1
811	ditto	1
812	ditto	1
813	ditto	1
814	ditto	1
815	ditto	1
816	ditto	1
817	ditto	1
818	ditto	1
819	*ditto*	1
B 820	*Hitoye* (summer garment) for children.	1
„ 821	ditto	1
„ 822	ditto	1
„ 823	ditto	1
„ 824	ditto	1
„ 825	*Hitoye* (summer garment) for gentlemen.	1
„ 826	ditto	1
„ 827	ditto	1
„ 828	ditto	1
„ 829	*Hitoye* (summer garment) for ladies.	1
„ 830	ditto	1
„ 831	ditto	1
„ 832	ditto	1
„ 833	ditto	1
„ 834	ditto	1
„ 835	ditto	1
„ 836	ditto	1
„ 837	ditto	1
„ 838	ditto	1
„ 839	ditto	1
„ 840	ditto	1
„ 841	Model of *awase* (lined garment).	1
„ 842	ditto	1
„ 843	ditto	1
„ 844	ditto	1
„ 845	ditto	1
„ 846	ditto	1
„ 847	ditto	1
„ 848	ditto	1
„ 849	ditto	1
„ 850	ditto	1
„ 851	ditto	1
„ 852	ditto	1

B 853	Model of *awase* (lined garment).	1
„ 854	ditto	1
„ 855	ditto	1
„ 856	ditto	2
„ 857	ditto	1
„ 858	ditto	1
„ 859	ditto	1
„ 860	ditto	1
„ 861	ditto	1
„ 862	ditto	1
„ 863	ditto	1
„ 864	ditto	1
„ 865	ditto	1
„ 866	ditto	1
„ 867	ditto	1
„ 868	ditto	1
„ 869	ditto	1
„ 870	ditto	1
„ 871	ditto	1
„ 872	ditto	1
„ 873	ditto	1
„ 874	ditto	2
„ 875	ditto	1
„ 876	ditto	1
„ 877	ditto	1
„ 878	ditto	1
„ 879	ditto	1
„ 880	ditto	1
„ 881	ditto	1
„ 882	ditto	1
„ 883	ditto	1
„ 884	ditto	1
„ 885	ditto	1
„ 886	ditto	1
„ 887	ditto	1
„ *888*	ditto	1
„ *889*	*ditto*	1
B 890	Model of *awase* (lined garment).	1
„ 891	ditto	1
„ 892	ditto	1
„ 893	ditto	1
„ 894	ditto	1
„ 895	ditto	1
„ 896	ditto	1
„ 897	*Awase* (lined garment) for children.	1
„ 898	ditto	1
„ 899	ditto	1
„ 900	ditto	1
„ 901	ditto	1
„ 902	ditto	1
„ 903	ditto	1
„ 904	ditto	1
„ 905	ditto	1
„ 906	ditto	1
„ 907	ditto	1
„ 908	ditto	1
„ 909	ditto	1
„ 910	ditto	1
„ 911	ditto	1
„ 912	ditto	1
„ 913	ditto	1
„ 914	ditto	1
„ 915	ditto	1
„ 916	ditto	1
„ 917	ditto	1
„ 918	*Awase* (lined garment) for gentlemen.	1
„ 919	ditto	1
„ 920	ditto	1
„ 921	ditto	1
„ 922	*Awase* (lined garment) for ladies.	1

3	923	*Awase* (lined garment) for ladies.	1	B	958	Model of *wataire* (padded garment).	1
	924	ditto	1				
	925	ditto	1	„	959	ditto	1
	926	ditto	1	„	960	ditto	1
	927	ditto	1	„	961	ditto	1
	928	ditto	1	„	962	ditto	1
	929	Model of *wataire* (padded garment).	1	„	963	ditto	1
				„	964	ditto	1
				„	965	ditto	1
	930	ditto	1	„	966	ditto	2
	931	ditto	1	„	967	ditto	1
	932	ditto	1	„	968	ditto	1
	933	ditto	1	„	969	ditto	1
	934	ditto	1	„	970	*Wataire* (padded garment) for children.	1
	935	ditto	1				
	936	ditto	1	„	971	ditto	1
	937	ditto	2	„	972	ditto	1
	938	ditto	1	„	973	ditto	1
	939	ditto	1	„	974	ditto	2
	940	ditto	1	„	975	ditto	1
	941	ditto	1	„	976	*Wataire* (padded garment) for gentlemen.	1
	942	ditto	1				
	943	ditto	1				
	944	ditto	1	„	977	ditto	1
	945	ditto	1	„	978	ditto	1
	946	ditto	1	„	979	*Wataire* (padded garment) for ladies.	1
	947	ditto	2				
	948	ditto	1	„	980	ditto	1
	949	ditto	1	„	981	Model of *haori* (coat).	1
	950	ditto	1				
	951	ditto	2	„	982	ditto	1
	952	ditto	1	„	983	Model of *juban* (under-garment) for gentleman.	1
	953	ditto	1				
	954	ditto	1				
	955	ditto	1	„	984	ditto	1
	956	ditto	1	„	985	ditto	1
	957	*ditto*	1	„	986	ditto	1

B 987	Model of *juban* (under-garment) for gentlemen.	1	B 1023	Model of *juban* (under garment) for gentlemen.	1
„ 988	ditto	1	„ 1024	ditto	1
„ 989	ditto	1	„ 1025	ditto	1
„ 990	ditto	1	„ 1026	ditto	1
„ 991	ditto	1	„ 1027	ditto	1
„ 992	ditto	1	„ 1028	ditto	1
„ 993	ditto	1	„ 1029	*Haori* (coat) for children.	1
„ 994	ditto	1	„ 1030	ditto	1
„ 995	ditto	1	„ 1031	ditto	1
„ 996	ditto	1	„ 1032	ditto	1
„ 997	ditto	1	„ 1033	ditto	1
„ 998	ditto	1	„ 1034	*Haori* (coat) for gentlemen.	1
„ 999	ditto	1	„ 1035	ditto	1
„ 1000	ditto	1	„ 1036	ditto	1
„ 1001	ditto	1	„ 1037	ditto	1
„ 1002	ditto	1	„ 1038	ditto	1
„ 1003	ditto	1	„ 1039	ditto	1
„ 1004	ditto	1	„ 1040	ditto	1
„ 1005	ditto	1	„ 1041	ditto	1
„ 1006	ditto	2	„ 1042	ditto	1
„ 1007	ditto	1	„ 1043	ditto	1
„ 1008	ditto	1	„ 1044	*Haori* (coat) for ladies.	1
„ 1009	ditto	2	„ 1045	*Haori* (coat) for gentlemen.	1
„ 1010	ditto	1	„ 1046	ditto	1
„ 1011	ditto	1	„ 1047	ditto	1
„ 1012	ditto	1	„ 1048	*Haori* (coat) for ladies.	1
„ 1013	ditto	1	„ 1049	ditto	1
„ 1014	ditto	2	„ 1050	ditto	1
„ 1015	ditto	1			
„ 1016	ditto	1			
„ 1017	ditto	1			
„ 1018	ditto	1			
„ 1019	ditto	1			
„ 1020	ditto	1			
„ *1021*	*ditto*	1			
„ *1022*	*ditto*	1			

B 1051	Model of *hifu* (a kind of coat).	1
„ 1052	ditto	1
„ 1053	ditto	1
„ 1054	ditto	1
„ 1055	ditto	1
„ 1056	*Hifu* (a kind of coat) for children.	1
„ 1057	Model of *hakama* (a kind of trousers).	1
„ 1058	ditto	1
„ 1059	ditto	1
„ 1060	ditto	1
„ 1061	ditto	1
„ 1062	ditto	1
„ 1063	ditto	1
„ 1064	ditto	1
„ 1065	ditto	1
„ 1066	ditto	1
„ 1067	ditto	1
„ 1068	ditto	1
„ 1069	ditto	1
„ 1070	ditto	1
„ 1071	ditto	1
„ 1072	ditto	1
„ 1073	ditto	1
„ 1074	ditto	1
„ 1075	ditto	1
„ 1076	ditto	1
„ 1077	ditto	1
„ 1078	ditto	1
„ 1079	ditto	1
„ 1080	ditto	1
„ 1081	ditto	1
„ 1082	ditto	1
B 1083	Model of *hakama* (a kind of trousers).	1
„ 1084	*Hakama* (a kind of trousers) for children.	1
„ 1085	ditto	1
„ 1086	ditto	1
„ 1087	ditto	1
„ 1088	ditto	1
„ 1089	ditto	1
„ 1090	ditto	1
„ 1091	*Hakama* (a kind of trousers) for gentlemen.	1
„ 1092	ditto	1
„ 1093	ditto	1
„ 1094	ditto	1
„ 1095	ditto	1
„ 1096	ditto	1
„ 1097	ditto	1
„ 1098	ditto	1
„ 1099	ditto	1
„ 1100	Model of *obi* (belt).	2
„ 1101	ditto	1
„ 1102	ditto	1
„ 1103	ditto	1
„ 1104	ditto	1
„ 1105	ditto	1
„ 1106	ditto	1
„ 1107	ditto	1
„ 1108	ditto	1
„ 1109	ditto	1
„ 1110	ditto	2
„ 1111	ditto	1
„ 1112	ditto	1
„ 1113	ditto	1

B 1114	*Obi* (belt) for gentlemen.	1
„ 1115	ditto	1
„ 1116	ditto	1
„ 1117	ditto	1
„ 1118	ditto	1
„ 1119	*Obi* (belt) for ladies.	1
„ 1120	ditto	1
„ 1121	ditto	1
„ 1122	ditto	1
„ 1123	Darned soles of *tabi* (socks).	1
„ 1124	*Tabi* (socks).	1
„ 1125	ditto	1
„ 1126	ditto	1
„ 1127	ditto	1
„ 1128	ditto	1
„ 1129	ditto	1
„ 1130	ditto	1
„ 1131	ditto	1
„ 1132	*Momohiki* (a kind of pantaloons).	1
„ 1133	ditto	1
„ 1134	ditto	1
„ 1135	ditto	1
„ 1136	ditto	1
„ 1137	*Amaginu* (water-proof coat) for ladies.	1
„ 1138	*Tsutsusode-hanten* (a kind of coat with narrow sleeves).	1
„ 1139	*Shirushi-banten* (a kind of coat for servants).	1
„ 1140	*Hanten* (a kind of coat).	1
B 1141	*Kyahan* (leggings).	1
„ 1142	*Marudōgi* (padded coat without sleeves) for children.	1
„ 1143	ditto	1
„ 1144	*Sodenashi* (a kind of quilted coat without sleeves) for children.	1
„ 1145	ditto	1
„ 1146	Model of *zabuton* (cushion).	5
„ 1147	ditto	1
„ 1148	ditto	1
„ 1149	Model of *yogi* (quilted bed covering).	1
„ 1150	Model of *shiki-buton* (matress).	1
„ 1151	*Maki-buton* (a kind of quilted bed covering for infants).	1
„ 1152	Pillow for children.	1
„ 1153	Model of pillow.	1
„ 1154	Model of *kappa* (water-proof coat) for ladies.	1
„ 1155	Model of *happi* (man-servant's coat).	1
„ 1156	Model of *momohiki* (a kind of pantaloons).	1
„ 1157	ditto	1
„ 1158	ditto	1
„ 1159	Model of *kyahan* (leggings).	1

1160	Model of *harakake* (cloth covering tied over the chest and abdomen).	1
1161	Model of *kyahan* (leggings).	1
1162	*Tabi* (socks).	1
1163	Model of a workman's garment.	4
1164	*Tabi* (socks).	1
1165	ditto	1
1166	ditto	2
1167	ditto	1
1168	ditto	1
1169	Model of *sodenashi* (quilted coat without sleeves) for children.	1
1170	ditto	1
1171	Model of *momohiki* (a kind of pantaloons).	1
1172	Model of *kyahan* (leggings).	1
1173	*Suppori* (a kind of cloth covering tied over the chest and abdomen).	1
1174	*Haramaki* (cloth covering tied over the chest and abdomen).	1
1175	Model of *harakake* (cloth covering tied over the chest and abdomen)	1
B 1176	*Marukuke* (round quilted belt for children).	1
„ 1177	ditto	1
„ 1178	ditto	2
„ 1179	ditto	1
„ 1180	Model of shirt.	1
„ 1181	ditto	3
„ 1182	ditto	1
„ 1183	Model of trousers.	1
„ 1184	Shirt.	1
„ 1185	ditto	1
„ 1186	ditto	1
„ 1187	Model of *hitoye* (summer garment), and *juban* (under-garment) for gentlemen.	1
„ 1188	Model of *hitoye* (summer garment) and its part sewing.	3
„ 1189	Model of *wataire* (padded garment) and its part sewing.	2
„ 1190	ditto	2
„ 1191	Model of *naga-juban* (long under-garment), *wataire* (padded garment), and *haori* (coat) for children.	1
„ 1192	Model of *wataire* (padded garment) for gentlemen.	1
„ 1193	ditto	1

B 1194	(Withdrawn).	
„ 1195	Embroidery.	14
„ „	*Itchokusen-nui* (a kind of sewing).	1
„ „	*Tsuki-awase-nuimono* (a kind of sewing).	1
„ „	*Oshi-nui* (ditto).	1
„ „	*Fukuro-nui* (ditto).	1
„ „	*Fuse-nui* (ditto).	1
„ „	*Kaeshi-nui* (ditto).	1
„ „	*Fuji-nui* (ditto).	1
„ „	Patching of cotton cloth.	1
„ „	Patching of silk stuff.	1
„ „	Part sewing of *shitotsumi-juban* (under-garment for children).	1
„ „	*Shitotsumi-juban* (under-garment for children).	1
„ „	Cutting of *shitotsumi-juban* (under-garment for children).	1
„ „	*Hondachi-juban* (under-garment).	1
„ „	Cutting of *hitoye-hanten* (summer coat).	1
„ „	*Hanten* (a kind of coat).	1
„ 1196	Cutting of *kodachi-hitoye* (summer garment) for children.	1
„ „	*Part sewing of kodachi-hitoye* (summer garment for children).	1
B 1196	*Kodachi-hitoye* (summer garment for children).	1
„ „	*Awasebanten* (a kind of lined coat).	1
„ „	*Marukuke-himo* (a kind of quilted belt).	1
„ „	Cutting of *hondachi-hitoye* (summer garment for gentlemen).	1
„ „	Part sewing of *hondachi-hitoye* (summer garment for gentlemen).	1
„ „	*Hondachi-hitoye* (summer garment for gentlemen).	1
„ „	Cutting of *awase-naga-juban* (long lined under-garment).	1
„ „	Part sewing of *awase-naga-juban* (long lined under-garment).	1
„ „	*Awase-naga-juban* (long lined under-garment).	1
„ „	*Kinchaku* (purse).	
„ „	*Zukin* (hood).	1
„ 1197	Cutting of *kodachi-awase* (lined gar-	

	ment for children).	1
1197	Part sewing of *kodachi-awase* (lined garment for children).	1
„	*Kodachi-awase* (lined garment for children).	1
„	*Kodachi-wataire* (padded garment for children).	1
„	*Obi* (belt) for gentlemen.	1
„	*Obi* (belt) for ladies.	1
„	Part sewing of *hondachi-awase* (lined garment for ladies).	1
„	*Hondachi-awase* (lined garment for gentlemen).	1
„	*Hondachi-wataire* (padded garment for gentlemen).	1
„	*Kyahan* (leggings).	1
„	*Tabi* (socks).	1
1198	Cutting of *hitoye-haori* (summer coat).	1
„	Part sewing of *hitoye-haori* (summer coat).	1
„	*Hitoye-haori* (summer coat).	1
„	Cutting of *awase-haori* (lined coat).	1
„	Part sewing of *awase-haori* (lined coat).	1
B 1198	*Awase-haori* (lined coat).	1
„ „	*Wataire-haori* (padded coat).	1
„ „	Cutting of *hifu* (a kind of coat).	1
„ „	*Hifu* (a kind of coat).	1
„ „	Cutting of *hitoye-hakama* (a kind of trousers for summer use).	1
„ „	*Hitoye-hakama* (a kind of trousers for summer use).	1
„ „	*Harakake* (cloth covering tied over the chest and abdomen).	1
„ „	*Momohiki* (a kind of pantaloons).	1
„ „	Cutting of *yagu* (bed covering).	1
„ „	*Yagu* (bed covering).	1
„ „	*Futon* (matress).	1
„ 1199	Elementary sewing.	1
„ „	*Tako-nui* (a kind of sewing).	1
„ „	*Kaketsugi* (ditto).	1
„ „	*Makuri-oshi-nui* (ditto).	1
„ „	*Gushi-nui* (ditto).	1
„ „	*Sogi-sode-nui* (ditto).	1
„ „	*Hitoye-sode-nui* (sleeve sewing of	

	summer garment).	1
B 1199	*Mitsuori-nigyō-chokusen-nui* (a kind of sewing).	1
,, ,,	*Ichigyō-chokusen-nui* (ditto).	1
,, ,,	*Kazoe-hari* (ditto).	1
,, ,,	*Heri-tori* (ditto).	1
,, ,,	*Mujiri-sode-nui* (a kind of sleeve sewing).	1
,, ,,	*Mayekake* (a kind of apron) for children.	
,, ,,	*Obi* (belt) for children.	1
,, ,,	Embroidery.	2
,, ,,	*Nukabukuro* (bag for keeping rice-bran, used as soap).	1
,, ,,	*Harakake* (cloth covering tied over the chest and abdomen).	1
,, ,,	*Fukuro-nui* (a kind of sewing).	2
,, 1200	Part sewing of *hitoye* (summer garment).	1
,, ,,	ditto	1
,, ,,	ditto	1
,, ,,	Embroidery.	2
,, ,,	*Maru-obi* (a kind of belt) for children.	1
,, ,,	*Mayekake* (a kind of apron) for ladies.	1
,, ,,	*Mayedare* (a kind of apron) for children.	1
B 1200	*Hitoye-sodenashi* (summer garment without sleeves).	1
,, ,,	*Hitoye-juban* (summer under-garment).	1
,, ,,	*Hitoye* (summer garment) for children.	1
,, ,,	*Hitoye* (summer garment) for ladies.	1
,, ,,	Elementary sewing.	1
,, 1201	Embroidery.	2
,, ,,	*Tsuma-age* (skirt folding).	1
,, ,,	Part sewing of *awase* (lined garment).	1
,, ,,	ditto	1
,, ,,	Part sewing of *hitoye-haori* (summer coat).	1
,, ,,	*Wataire-sodenashi* (padded garment without sleeves).	1
,, ,,	*Tsutsusode-awase* (lined coat with narrow sleeves) for children.	1
,, ,,	*Hitoye* (summer garment) for gentlemen.	1
,, ,,	*Awase* (lined garment) for gentlemen.	1
,, ,,	Elementary sewing.	1
,, 1202	Embroidery.	2

1202	Patching.	1
„	*Eguri-tsugi* (a kind of patching).	1
„	Part sewing of *awase-haori* (lined coat).	1
„	ditto	1
„	Part sewing of *wataire* (padded coat).	1
„	ditto	1
„	ditto	1
„	*Zukin* (hood).	1
„	*Awase-haori* (lined coat).	1
„	*Wataire* (padded garment) for ladies.	1
„	Elementary sewing.	1
1203	Embroidery.	3
„	*Tabi* (socks).	1
„	*Kamenoko-uwagi* (a kind of garment).	1
„	*Yodare-kake* (bib).	1
„	Belt for ladies.	1
„	*Hara-awase* (a kind of belt for ladies).	1
„	*Natsu-haori* (summer coat).	1
„	*Wataire-haori* (padded coat).	1
„	*Makura* (pillow).	1
„	*Shiki-futon* (matress).	1
„	Elementary sewing.	1
1204	*Awase-haori* (lined coat).	1
„	*Hifu* (a kind of coat).	1
B 1204	*Shikake-takabakama* (a kind of trousers used on ceremonial occasions.)	1
„ „	*Kyahan* (leggings).	1
„ „	*Haramaki* (armor for the abdomen).	1
„ „	*Momohiki* (a kind of pantaloons).	1
„ „	*Fumikomi-hakama* (a kind of trousers).	1
„ „	*Yogi* (bed covering).	1
„ „	Elementary sewing.	1

MANUAL WORK BY PUPILS.

„ 1205	Small bag.	1
„ 1206	*Hagoita* (battledoor) with *hane* (shuttlecock).	1
„ 1207	Small bag.	1
„ 1208	ditto	1
„ 1209	ditto	1
„ 1210	*Kinchaku* (purse).	1
„ 1211	ditto	1
„ 1212	Small bag.	1
„ 1213	*Kinchaku* (purse).	1
„ 1214	ditto	1
„ 1215	ditto	1
„ 1216	Small bag.	2
„ 1217	Bag.	1
„ 1218	Photograph holder.	1
„ 1219	Horse (toy).	1
„ 1220	Cat (toy).	1
„ 1221	Bag (doll).	1
„ 1222	Bag (mandarin duck).	1

B 1223	Photograph holder.	1
„ 1224	Letters in relief (Japanese alphabet).	1
„ 1225	Ornamental hair pin.	3
„ 1226	*Hiji-buton* (round cushion for resting elbow).	2
„ 1227	ditto	1
„ 1228	ditto	2
„ „	*Yodare-kake* (bib).	1
„ 1229	*Yōji-sashi* (tooth-pick holder).	1
„ 1230	Box ornamented with various figures.	2
„ 1231	Box with raised pictures.	1
„ 1232	Bag ornamented with various figures.	1
„ 1233	*Zukin* (hood).	1
„ 1234	*Kinchaku* (purse).	2
„ 1235	ditto	1
„ 1236	ditto	1
„ 1237	ditto	1
„ 1238	ditto	1
„ 1239	ditto	1
„ 1240	ditto	1
„ 1241	ditto	1
„ 1242	*Mamori-bukuro* (bag of charms).	1
„ 1243	*Kami-ire* (Wallet for paper).	2
„ 1244	*Kinchaku* (purse).	1
„ 1245	Bag ornamented with raised pictures.	1
B 1246	*Zukin* (hood).	1
„ 1247	ditto	1
„ 1248	*Yodarekake* (bib).	1
„ 1249	*Tabi* (socks) for children.	1
„ 1250	*Katakake* (shawl).	1
„ 1251	*Kinchaku* (purse).	4
„ 1252	ditto	1
„ 1253	*Hiji-buton* (cushion for resting elbow).	1
„ 1254	Cap for children.	1
„ 1255	ditto	1
„ 1256	ditto	1
„ 1257	Small bag.	1
„ 1258	ditto	1
„ 1259	*Kinchaku* (purse).	1
„ 1260	Cushion for flower-vase.	1
„ 1261	*Yodarekake* (bib).	3
„ 1262	ditto	1
„ 1263	Bag.	1
„ 1264	*Yodare-kake* (bib).	1
„ 1265	Cushion for flower-vase.	1
„ 1266	*Yodare-kake* (bib).	1
„ 1267	*Hiji-tsuki* (cushion for resting elbow).	1
„ 1268	*Kinchaku* (purse).	1
„ 1269	*Yodare-kake* (bib).	1
„ 1270	Cushion for flower-vase.	1
„ 1271	ditto	1
„ 1272	Gloves.	1
„ 1273	Stockings.	2
„ 1274	ditto	1
„ 1275	*Tabi* (socks) for children.	1
„ 1276	Stockings.	1

B 1277	Stockings.	1	B 1313	Embroidery.	2
„ 1278	*Myaku-dome* (a kind of cuffs).	1 pair	„ 1314	ditto	2
			„ 1315	ditto	1
„ 1279	ditto	1	„ 1316	ditto	1
„ 1280	ditto	1	„ 1317	ditto	9
„ 1281	Gloves.	1	„ 1318	ditto	1
„ 1282	ditto	1	„ 1319	ditto	5
„ 1283	Hood for children.	1	„ 1320	ditto	2
„ 1284	*Dōgi* (short under-garment) for children.	1	„ 1321	ditto	2
			„ 1322	ditto	1
„ 1285	Hand ball.	2	„ 1323	ditto	1
„ 1286	ditto	4	„ 1324	ditto	1
„ 1287	ditto	1	„ 1325	ditto	2
„ 1288	ditto	4	„ 1326	ditto	1
„ 1289	ditto	1	„ 1327	ditto	1
„ 1290	ditto	3	„ 1328	ditto	2
„ 1291	ditto	2	„ 1329	ditto	2
„ 1292	ditto	2	„ 1330	ditto	7
„ 1293	ditto	1	„ 1331	*Harakake* (cloth covering tied over the chest and abdomen).	1
„ 1294	ditto	2			
„ 1295	Embroidery.	5			
„ 1296	ditto	12	„ 1332	ditto	1
„ 1297	ditto	4	„ 1333	*Yodare-kake* (bib).	1
„ 1298	ditto	1	„ 1334	*Yubihame* (thimble).	7
„ 1299	ditto	5	„ 1335	Cord twisting.	1
„ 1300	ditto	20	„ 1336	ditto	1
„ 1301	ditto	5	„ 1337	ditto	1
„ 1302	ditto	1	„ 1338	ditto	16
„ 1303	ditto	2	„ 1339	Child's crest.	1
„ 1304	ditto	1	„ 1340	Box with raised pictures.	1
„ 1305	ditto	5			
„ 1306	ditto	1	„ 1341	*Oshiye* (raised fancy work).	1
„ 1307	ditto	3			
„ 1308	ditto	14	„ 1342	ditto	1
„ 1309	ditto	1			
„ 1310	ditto	2		**HANDIWORK BY PUPILS.**	
„ 1311	ditto	3	„ 1343	*Hashi* (chopsticks).	4
„ 1312	*ditto*	10	„ „	Hishaku (a kind of	

	ladle).	2
B 1343	*Saji* (spoon).	5
„ „	Ruler.	2
„ „	Wood for engraving.	6
„ „	Wooden card.	2
„ „	*Itomaki* (a piece of wood for winding thread on).	4
„ 1344	Elementary tin work.	11
„ „	ditto	4
„ „	*Sara* (plate).	2
„ „	Box for keeping bird's food.	3
„ „	*Jōgo* (funnel).	2
„ „	*Chashaku* (tea-ladle).	3
„ „	*Kiri-fuki* (instrument for sprinkling water).	2
„ „	*Chatsubo* (tea-box).	2
„ „	*Abura-tsubo* (oil box).	2
„ „	Soap-box.	2
„ „	*Jōro* (watering pot).	2
„ „	Elementary brass work.	7
„ „	*Saji* (spoon).	3
„ „	Shoeing-horn.	3
„ „	Elementary iron work.	10
„ „	Nails.	2
„ „	Bent nails.	2
„ „	*Hibashi* (a kind of tongs).	2
„ „	Ruler.	2
„ „	*Hikaki* (fire shovel).	2
„ 1345	*Wood for engraving.*	6
B 1345	*Hagoita* (battle-door).	2
„ „	*Shiori* (book-mark).	2
„ „	Mould for making *sushi* (vinegar-rice).	2
„ „	Box for keeping visiting cards.	1
„ „	*Hashira-kake* (board hung against the pillars of a house to hide them).	2
„ „	Small box.	2
„ „	*Chiyegi* (a kind of toy).	1 set
„ „	Block.	1
„ 1346	*Hishaku* (a kind of ladle).	1
„ 1347	Holder for visiting cards.	1
„ 1348	*Sumi-hasami* (Indian-ink holder).	1
„ 1349	*Hashi* (chopsticks).	2
„ 1350	Paper box.	1
„ 1351	Geometrical figures.	2
„ 1352	Note-book.	1
„ 1353	*Noshi* (a piece of folded paper attached to a present).	2
„ 1354	Note-book.	1
„ 1355	Envelope.	10
„ 1356	*Maki-gami* (letter-paper).	1
„ 1357	*Keishi* (ruled paper).	1
„ 1358	Kanzenyori (string	

	made of two strands of twisted paper).	1
B 1359	*Koyori* (twisted paper).	1
„ 1360	Straight embroidery.	1
„ 1361	Curved embroidery.	1
„ 1362	Embroidery representing Mt. Fuji, cloud, and ship.	1
„ 1363	Straight and curved embroidery.	2
„ 1364	Embroidery representing Mt. Fuji, cloud, and horse.	1
„ 1365	*Chiritori* (a kind of dust pan).	1
„ 1366	Kettle lid.	1
„ 1367	Ruler.	1
„ 1368	*Suzuri-bako* (box in which writing utensils are kept).	1
„ 1369	Book holder.	1
„ 1370	Box.	2
„ 1371	*Tabako-bon* (box in which smoking utensils are kept).	1
„ 1372	*Manaita* (board for cutting and cleansing culinary materials).	1
„ 1373	*Kendai* (book-rest).	1
„ 1374	*Tokuri-no-hakama* (shallow box in which a bottle is placed).	1
„ 1375	*Odamaki* (frame for winding thread on).	1
B 1376	*Itowaku* (frame for winding thread on).	1
„ 1377	Flower-vase stand.	1
„ 1378	*Nori-ita* (board for making paste on).	1
„ 1379	*Okidai* (stand).	1
„ 1380	*Fude-tate* (box for resting writing-brushes).	1
„ 1381	*Shiori* (book-mark).	1
„ 1382	Letter holder.	1
„ 1383	*Hishaku* (ladle).	1
„ 1384	*Hera* (a kind of spatula).	1
„ 1385	Geometrical figures.	6
„ 1386	Square pillar.	1
„ 1387	(Withdrawn).	
„ 1388	*Hashi* (chopsticks).	1
„ 1389	*Uwo-gushi* (skewer for roasting fish).	1
„ 1390	Compass.	1
„ 1391	*Hai-kaki* (instrument for leveling ashes).	1
„ 1392	Spoon.	1
„ 1393	(Withdrawn).	
„ 1394	*Nori-ita* (board for making paste on).	1
„ 1395	Ruler.	1
„ 1396	*Hagoita* (battledoor).	1
„ 1397	Box for keeping chalk.	1
„ 1398	Suzuri-bako (box in	

	which writing utensils are kept).	1
B 1399	*Hibachi* (box for keeping fire for warming purposes).	1
„ 1400	*Chiri-tori* (a kind of dust pan).	1
„ 1401	*Mugiwara-sanada* (piece of knitted straw).	1
„ 1402	*Zōri* (straw sandals).	3
„ 1403	*Fude-dzutsu* (box for resting writing brushes).	1
„ 1404	*Chashi* (one of the instruments for preparing tea.)	3
„ 1405	*Suzuri-bako* (box in which writing utensils are kept).	1
„ 1406	*Chiritori* (a kind of of dust pan).	1
„ 1407	Piece of wood for supporting table.	3
„ 1408	*Tsukegi-bako* (box for keeping Japanese matches).	1
„ 1409	*Kama-shiki* (kettle stand).	1
„ 1410	*Bōkake* (hat-rack).	1
„ 1411	Piece of bamboo projecting from a hat-rack.	1
„ 1412	*Yōji-ire* (tooth-pick holder).	2
„ 1413	Block.	2
„ 1414	*Sashigi* (jointed wood).	4
B 1415	*Magonote* (piece of bamboo used for scratching the back with).	1
„ 1416	*Monosashi* (measure).	1
„ 1417	*Hai-uchi* (fly-beater).	1
„ 1418	Bow and arrows.	1
„ 1419	*Do* (a kind of bow).	1
„ 1420	*Mame-deppō* (toy gun with pea balls).	1
„ 1421	*Itomaki* (thread spool).	2
„ 1422	*Take-goma* (bamboo top).	1
„ 1423	*Hera* (a kind of spatula).	6
„ 1424	*Amibari* (needle for knitting).	2
„ 1425	*Take-tombo* (bamboo dragon-fly).	1
„ 1426	Lamp-suspender.	1
„ 1427	Stand for box in which boiled rice is kept.	1
„ 1428	*Emon-kake* (frame for hanging garments).	3
„ 1429	*Chahishaku* (tea-ladle).	3
„ 1430	*Hishaku* (a kind of ladle).	1
„ 1431	*Nikugushi* (skewer for roasting flesh.)	2
„ 1432	*Dobin-shiki* (tea-pot stand).	2
„ 1433	*Yōji-ire* (tooth-pick holder).	1

B 1434	*Tokuri-no-hakama* (shallow box in which a bottle is placed).	2
„ 1435	*Chashi* (one of the instruments used for preparing tea).	1
„ 1436	*Menrui-age* (piece of bamboo for dipping boiled buckwheat, etc.).	1
„ 1437	*Hashi-ire* (box for keeping chopsticks).	2
„ 1438	Various kinds of *hashi* (chopsticks).	6
„ 1439	Various kinds of sticks.	3
„ 1440	Various kinds of *kushi* (skewers).	6
„ 1441	*Jōsashi* (letter-holder).	1
„ 1442	Visiting card holder.	1
„ 1443	Frame for resting Indian-ink.	2
„ 1444	Indian-ink holder.	1
„ 1445	Frame for resting writing brushes.	1
„ 1446	Ink-stone screen.	1
„ 1447	Box for resting writing brushes.	2
„ 1448	*Kiseru-zutsu* (box used for the smoking pipe).	1
„ 1449	*Compass.*	1
B 1450	Ruler.	1
„ 1451	*Shokudai* (candlestick).	1
„ 1452	*Uchiwa-kake* (piece of bamboo for the insertion of round fans).	1
„ 1453	Newspaper holder.	2
„ 1454	*Cha-zutsu* (tea box).	1
„ 1455	*Hagaki-ire* (box for keeping postal cards).	1
„ 1456	Photograph holder.	1
„ 1457	*Tanzaku-hasami* (holder of paper on which Japanese poetry is written).	1
„ 1458	*Teshoku* (hand lamp).	1
„ 1459	Bamboo frame for fan.	1
„ 1460	*Hainarashi* (instrument for leveling ashes).	2
„ 1461	*Bōshikake* (hat-rack).	2
„ 1462	*Mukidai* (a kind of stand).	1
„ 1463	*Tenugui-kake* (frame for hanging towels, towel horse).	2
„ 1464	*Tombo* (bamboo dragon-fly).	2
„ 1465	*Take-uma* (bamboo horse, a kind of stilts used by boys).	1
„ 1466	Hashi (chopsticks).	2

B 1467	*Uwo-gushi* (skewer for roasting fish.)	1
„ 1468	*Shōsetsu-goma* (top).	1
„ 1469	*Hera* (a kind of spatula).	1
„ 1470	*Tsuye* (cane).	2
„ 1471	*Hishaku* (a kind of ladle).	1
„ 1472	*Mizuire* (water-pot).	1
„ 1473	*Mikuji-zutsu* (box for keeping the divining sticks used in temples to learn the mind of the gods).	1
„ 1474	*Fude-tate* (box for resting writing-brushes).	1
„ 1475	Compass.	1
„ 1476	*Sumi-hasami* (Indian-ink holder).	1
„ 1477	*Saji* (spoon).	1
„ 1478	Shoe-rubber.	1
„ 1479	*Muchi-goma* (top).	1
„ 1480	*Dobin-dai* (tea-kettle stand).	1
„ 1481	*Chawan-futa* (cover of tea-cup).	1
„ 1482	*Kamiori-zaiku* (paper folding).	7
„ 1483	*Honbasami* (book holder).	1
„ 1484	*Nori-ita* (board for making paste on).	1
„ 1485	*Harisashi* (needle holder).	1
„ 1486	Triangle.	1
„ 1487	Square.	1
B 1488	Octangle.	1
„ 1489	Ruler.	1
„ 1490	Box for keeping seeds.	1
„ 1491	Post box.	1
„ 1492	Ruler.	2
„ 1493	Hexagonal pillar.	1
„ 1494	*Hane* (shuttlecock).	2
„ 1495	*Jōbukuro* (envelope).	2
„ 1496	*Techō* (note book).	1
„ 1497	Square pillar.	1
„ 1498	Triangular pillar.	1
„ 1499	Box.	1
„ 1500	Cut crest.	1
„ 1501	Geometrical figure.	1
„ 1502	ditto	1
„ 1503	ditto	1
„ 1504	Mill for grinding rice.	1
„ 1505	*Anka* (small fire box).	1
„ 1506	*Tako* (kite).	1
„ 1507	Board on which drawing is done.	3
„ 1508	*Kwashi-bon* (tray for putting cakes on).	1
„ 1509	*Chabon* (tea-tray).	1
„ 1510	*Bon* (tray).	1
„ 1511	*Chabon* (tea-tray).	1
„ 1512	*Kwashi-ire* (box for putting cakes in).	1
„ 1513	*Chabon* (tea-tray).	1
„ 1514	*Kwashi-ire* (box for putting cakes in).	1
„ 1515	*Chabon* (tea-tray).	1
„ 1516	ditto	1

B 1517	*Chabon* (tea-tray).	1
„ 1518	*Kwashi-ire* (box for putting cakes in).	1
„ 1519	*Chabon* (tea-tray).	1
„ 1520	*Kwashi-ire* (box for putting cakes in).	1
„ 1521	ditto	1
„ 1522	*Chabon* (tea-tray).	1
„ 1523	*Bon* (tray).	1
„ 1524	*Kwashi-ire* (box for putting cakes in).	1
„ 1525-„ 1526	(Withdrawn).	
„ 1527	*Zōri* (straw sandals).	2
„ 1528	*Subo-hōki* (a kind of broom).	1
„ 1529	(Withdrawn).	

APPRATUS OF TEACHING.

„ 1530	Apparatus for easy experiments in Physics.	1 set
„ 1531	Apparatus for the computation of numbers.	1
„ 1532	Chart for instruction in sewing.	1
„ 1533	Chart for instruction in abacus arithmetic.	1
„ 1534	Apparatus for the computation of numbers.	2
„ 1535	Apparatus for explaining the value of each bead in the abacus.	1
B 1536	Apparatus for instruction in the upper beads.	1
„ 1537	Apparatus for instruction in the lower beads.	1
„ 1538	Large abacus for use in the school room.	1
„ 1539	Apparatus for the computation of numbers.	1
„ 1540	Black-board.	1
„ 1541	(Withdrawn).	
„ 1542	Chart relating to morals.	5
„ 1543	(Withdrawn).	
„ 1544	Apparatus for teaching arithmetic.	1
„ 1545	Weights, measures, and coins.	5
„ 1546	Small abacus.	1
„ 1547	Paper slate.	1
„ 1548	Writing brush, Indian-ink, ink-stone, and copy book.	12
„ 1549-„ 1550	(Withdrawn).	
„ 1551	Models of desk and chair for pupil's use.	2
„ 1552	(Withdrawn).	
„ 1553	Apparatus for teaching object lessons.	1 case
„ 1554-„ 1555	(Withdrawn).	

B 1556	Apparatus for instruction in the Japanese syllabary.	1
„ 1557	Apparatus for instruction in fractions.	1
B 1558	(Withdrawn).	
„ 1559	Chart showing grammatical errors.	1

GROUP 149. CLASS 843.

KYŌRITSU JOSHI SHOKUGYŌGAKKŌ.

(Private Female Industrial School.)

WORK BY PUPILS.

C 1	Embroidered *tsuitate* (screen of one leaf set in a frame).	1
„ 2	ditto	1
„ 3	Embroidered chair-cloth.	1
„ 4	ditto	1
„ 5	ditto	1
„ 6	ditto	1
„ 7	ditto	1
„ 8	ditto	1
„ 9	Handkerchiefs.	6
„ 10	ditto	6
„ 11	ditto	6
„ 12	ditto	6
„ 13	Artificial flower (plum blossoms).	1
„ 14	ditto (*kaidō, Pyrus spectavilis*).	1
C 15	Artificial flower (*kirishima*, a species of red azalea).	1
„ 16	Ditto (*nanten, Nandina domestica*).	1
„ 17	Ditto (*sakura*, cherry blossoms).	1
„ 18	Ditto (*bara*, rose).	1
„ 19	Ditto *jinchōke, Daphne odora*).	1
„ 20	Ditto (*Yukinoshita, Saxifraga sarmentosa*).	1
„ 21	Ditto (*ito-giku*, a species of chrysanthemum).	1
„ 22	Ditto (*akigiku*, a species of chrysanthemum).	1

C	23	Artificial flower (*tsubaki, Camellia japonica*).	1
	24	Ditto (*botan, Peonia Moutan*).	1
	25	Ditto (*kogiku*, a species of chrysanthemum).	1
	26	Ditto (*sakura, Prunus pseudo-cerasus*).	1
	27	Ditto (*sumire*, violet).	1
	28	Ditto (*momiji*, maple).	1
	29	Drawing (tablet).	1
	30	Ditto	1
	31	Ditto (volume).	1
	32	Ditto (round fan).	1
	33	Ditto (ditto)	1
	34	Ditto (ditto)	1
	35	Ditto (ditto)	1
	36	Ditto (ditto)	1
	37	Ditto (ditto)	1
	38	Ditto (fan that opens and shuts).	1
	39	Ditto (ditto)	1
	40	Ditto (ditto)	1
C	41	Drawing (fan that opens and shuts).	1
„	42	Ditto (ditto)	1
„	43	Ditto (ditto)	1
„	44	Ditto (photograph holder).	1
„	45	Ditto (ditto)	1
„	46	Ditto (ditto)	1
„	47	Ditto (ditto)	1
„	48	Ditto (ditto)	1
„	49	Ditto (ditto)	1
„	50	Ditto (handkerchief).	12
„	51	Model of gentleman's dress.	1 set.
„	52	Model of lady's dress.	1 „
„	53	Model of young unmarried lady's dress.	1 „
„	54	Model of girl's dress.	1 „
„	55	Model of child's winter dress.	1 „
„	56	Model of merchant's summer dress.	1 „
„	57	Model of farmer's dress.	1 „

IWATE JOGAKKŌ.

(Private Female School in the Prefecture of Iwate.)

		WORK BY PUPILS.	
C	58	Artificial flower (*bara*, rose).	1
„	59	Ditto (*itogiku*, a species of chrysanthemum).	1
„	60	Ditto (*sakura*, cherry blossoms).	1
„	61	Ditto (*bara*, rose).	1
„	62	Ditto (*kiku*, chrysanthemum).	1
„	63	Ditto (*sakura*, cherry blossoms).	1
„	64	Cushion for lamp.	1
„	65	ditto	1
„	66	*Tabi* (socks for children).	1
„	67	*Bōshi* (cap for children).	1
„	68	*Hiji-buton* (cushion for resting elbow).	1
C	69	Hand bag.	1
„	70	*Yodare-kake* (bib).	1
„	71	*Kinchaku* (purse).	1
„	72	Cushion for lamp.	1
„	73	Model of *haori* (coat) for ladies.	1
„	74	*Hakama* (a kind of trousers) for ladies.	1
„	75	*Hakama* (a kind of trousers).	1
„	76	*Awase* (lined garment) for gentlemen.	1
„	77	*Hitoye* (summer coat) for ladies.	1
„	78	*Wataire* (padded garment) for girls.	1

SHŌKĒ JOGAKKŌ.

(Private Female School in the Prefecture of Kumamoto.)

C	79	Photograph of pupils at work.	1	C	80	Raw silk made by pupils.	1

GROUP 149. CLASS 849.

TOKYO BLIND AND DUMB SCHOOL.

D	1	Photograph of school buildings.	1
,,	2	Photograph of teachers and pupils.	1
,,	,,	Photograph of the school.	1
,,	3	Calendar.	100
,,	4	Blank paper.	1
,,	5	Wooden point letters.	1
,,	6	ditto (for exercise).	1
,,	7	Paper point letters.	1
,,	8	Tools for making point letters.	1
,,	9	Tablet for engraving.	1
,,	10	Raised wooden letters.	3
,,	11	Raised paper letters.	3
,,	12	Slate for writing exercises.	1
,,	13	Chart for explaining point letters.	1
,,	14	Specimens of point letters.	3
,,	15	Letters made with needles.	1
D	16	Specimen of raised letters.	1
,,	17	Abacus for the blind.	1
,,	18	Professor Currier's duplex ear tube, consisting of two tubes united in one ear-tube.	1
,,	19	Instrument for determining sound.	1
,,	20	Chart for teaching articulation.	1

WORK BY PUPILS.

,,	21	Drawing.	1
,,	22	ditto	1
,,	23	ditto	1
,,	24	ditto	1
,,	25	ditto	1
,,	26	Engraving.	1
,,	27	ditto	1
,,	28	ditto	1
,,	29	ditto	1
,,	30	ditto	1
,,	31	ditto	1
,,	32	ditto	1
,,	33	ditto	1
,,	34	ditto	1
,,	35	ditto	

D	36	Engraving.	1
„	37	ditto	1
„	38	ditto	1
„	39*a*	Joinery.	10
„	39*b*	ditto	2
„	40	ditto	20
„	41	*Juban* (under-garment).	1
„	42	*Shitagi* (under-garment).	1
„	43	*Wataire* (padded garment).	1
„	44	*Hitoye* (summer garment).	1
„	45	*Obi* (belt).	1
„	46	*Haori* (coat).	1
„	47	*Hakama* (a kind of trousers).	1
„	48	*Tabi* (socks).	1
D	49	*Yodare-kake* (bib).	2
„	50	*Harakake* (cloth covering tied over the chest and abdomen).	1
„	51	Cap.	1
„	52	Shawl.	1
„	53	*Yodare-kake* (bib).	1
„	54	Gloves.	1
„	55	*Dōgi* (short under-garment for gentlemen).	
„	56	Stockings.	1
„	57	Cushion for flower-vase.	1
„	58	Doll.	1
„	59	*Kinchaku* (purse for children).	1
„	60	Bag for luncheon box.	1

KYŌTO MŌ-A IN.

(Blind and Dumb Institute in the City of Kyōto.)

D	61	Drawing by pupils.	2
„	62	ditto	3
„	63	ditto	1
„	64	Gold and silver needles for acupuncture, and drawings of the practice of acupuncture and *music* (one tablet).	1

Acupuncture is the art of curing nervous diseases by introducing needles specially made for the purpose into the tissues. As a profession it is almost monopolized by the blind. The gold and silver needles exhibited are those in practical use.

D	65	Embroidery by pupils. 2	D	67	Calendar of the institute. 1
,,	66	Treatise on acupuncture. 1			

GROUP 149. CLASS 851.

ORDINARY MIDDLE SCHOOLS.

E	1	Photograph of school buildings. 1 tablet.			sites of various schools in Japan. 1
		WORK BY PUPILS.	E	17	Map of Japan. 1
,,	2	Examination papers. 10	,,	18	ditto 1
,,	3	ditto 20	,,	19	Map of the World. 1
,,	4	ditto 13	,,	20	Map of Japan. 1
,,	5	ditto 5	,,	21	Map of Japan. 2
,,	6	ditto 4	,,	22	Map of the World. 2
,,	7	ditto 5			**TEXT-BOOKS.**
,,	8	ditto 16	,,	23	"Rongo" (Chinese classics). 4 vols.
,,	9	ditto 1	,,	24	"Dai-gaku" (ditto). 1 vol.
,,	10	Brush drawing. 1	,,	25	"Chūyō" (ditto). 1 ,,
,,	11	ditto 1 volume	,,	26	"Nichiyō Bunkan" (a kind of letter-writer), by Konakamura and Nakamura. 2 vols.
		DRAWING BY PUPILS.			
,,	12	Pencil drawing. 2			
,,	13	ditto 1			
,,	14	Instrumental drawing. 1	,,	27	"Nihon-bun-san" (Guide to the Japanese Language), by K. Kume. 3 ,,
,,	15	ditto 2			
,,	16	Map showing the			

E	28	"Wabun Kihan" (a work relating to Japanese Literature), by G. Satomi.	4 vols.
„	29	"Jūhasshiryaku" (a kind of Chinese History).	7 „
„	30	"Sei Bunshō Kihan" (a work relating to Chinese Literature).	3 „
„	31	"Hachidaikabun" (Selection of Chinese Masterpieces).	16 „
„	32	"Mōshi" (Chinese Classics).	4 „
„	33	"Junshi" (Chinese Classics).	2 „
„	34	"Chiri-kyōkwasho" (Geography).	2 „
„	35	"Nihon Bunmei Shiryaku" (History of Japanese Civilisation), compiled in the Department of Education.	4 „
„	36	"Nihon Shikō (Japanese History), by S. Saga.	2 „
„	37	"Sanjutsu Chūtō Kyōkwasho" (Arithmetic intended for Middle Class Education) by K. Nagasawa.	3 „
E	38	Smith's Algebra, translated by B. Sakuma.	2 vol
„	39	"Heimen Kikagaku" (Plane Geometry), by Dr. D. Kikuchi.	1 vo
„	40	"Rittai Kikagaku" (Solid Geometry), by Dr. D. Kikuchi.	1 „
„	41	"Futsū Shokubutsugaku Kyōkwasho" (Elementary Botany), by M. Miyoshi.	1 „
„	42	"*Kōbutsugaku*" (Mineralogy), by the Keigyōsha.	1 „
„	43	"Futsū Dōbutsugaku Kyōkwasho" (Elementary Zoology), by K. Iijima.	1 „
„	44	"Futsū Seirigaku Kyōkwasho" (Elementary Physiology), by M. Katayama.	1 „
„	45	"Butsurigaku Kyōkwasho" (Physics), by K. Kikuchi.	2 vo
46		Remsen's Chemistry, translated by Kuhara and Orita.	2 „

E	47	"Kai-gyo-sō" (Copy-book), by Ryō-ko.	3 vols.	„	63
	48	"Shōgaku Shūga-chō" (Elementary Drawing), compiled by the Department of Education.	8 „	„	64
	49	"Yōki-gakō" (Mechanical Drawing), by S. Hirose.	6 „	„	65
	50	English Reader, by J. Inouye.	3 „	„	66
	51	Illustrious Men, by J. Sugiura.	1 „		
	52	Catalogue of text-books.	1		
	53–58	(Withdrawn).			
	59	Photograph of school buildings.	1		
	60	ditto	2		
	61	ditto	1		
	62	ditto	1		

„	63	Plan of school buildings.	1
„	64	ditto	1
„	65	ditto	1
„	66	ditto	1

WORK BY PUPILS.

„	67	Pencil Drawing.	4 vols.
„	68	ditto	4 „
„	69	ditto	1 vol.
„	70	ditto	2 vols.
„	71	ditto	2 „
„	72	ditto	1 vol.
„	73	ditto	7 vols.
E	74	Pencil Drawing.	2 vols.
„	75	ditto	2 „
„	76	ditto	1 vol.
„	77	ditto	3 vols.
„	78	ditto	1 vol.
„	79	ditto	1 „
„	80	ditto	1 „

MATTERS FOR REFERENCE IN TEACHING.

„	81	Drawing of archæological specimens.	4

FEMALE SCHOOLS.

	82	Photograph of school buldings.	1	„	85
		WORK BY PUPILS.		„	86
	83	Brush Drawing	6 tablets		
	84	ditto	7 „	„	87

„	85	ditto	2 vols.
„	86	ditto	4 „
		English Composition and Writing.	1 vol.

SEWING BY PUPILS.

„	88	Model of *juban* (under-garment) for gentlemen.	1
„	89	Model of *juban* (under-garment) for ladies.	2
„	90	Model of *hitoye* (summer garment) for ladies.	5
„	91	Model of *awase* (lined garment) for ladies.	1
E	92	Model of *awase* (lined garment) for gentlemen.	1
„	93	Model of *wataire* (padded garment) for children.	1
„	94	Model of *wataire* (padded garment) for children.	2
„	95	Model of *wataire* (padded garment) for children.	2
„	96	*Hifu* (a kind of coat).	2
„	97	Model of *hakama* (a kind of trousers) for gentlemen.	1
„	98	Model of *hakama* (a kind of trousers) for ladies.	1
„	99	*Katabira* (thinnest summer garment).	1
„	100	*Hitoye* (summer garment).	1
„	101	*Awase* (lined garment).	2
„	102	*Wataire* (padded garment.)	1
„	103	*Kosode* (padded silk garment) for ladies.	1
„	104	*Moyō-kosode* (padded silk garment with embroidered figures).	1
„	105	*Kosode* (padded silk garment) for gentlemen.	1
E	106	*Natsu-baori* (summer coat) for gentlemen.	1
„	107	*Wataire-baori* (padded coat) for gentlemen.	1
„	108	*Awase-baori* (lined coat) for ladies.	1
„	109	ditto	1
„	110	*Wataire-maru-dōgi* (padded undergarment without sleeves).	1
„	111	*Awase-bakama* (a kind of lined trousers) for children.	1
„	112	*Hitoye-bakama* (a kind of summer trousers).	1
„	113	*Obi* (belt) for gentlemen.	1
„	114	*Obi* (belt) for ladies.	1
„	115	ditto	1

FEMALE SCHOOLS.

E 116	Under-garment for children.	1
„ 117	Shirt and trousers.	1
„ 118	European garment for children.	1
„ 119	*Han-momohiki* (short trousers).	1
120	*Tabi* (socks).	1
121	*Nukabukuro* (bag for rice-bran, used as soap).	6
122	*Zōkin* (house-cloth).	6
123	*Zukin* (hood).	2
124	*Hitoye* (summer garment) for children.	1
125	*Hitoye* (summer garment) for ladies.	1
126	*Awase* (lined garment) for children.	1
127	*Awase* (lined garment) for ladies.	1
128	*Wataire* (padded garment).	5
129	*Hitoye-haori* (summer coat) for gentlemen.	1
130	*Awase-haori* (lined coat) for children.	1
131	ditto	1
132	*Hifu* (a kind of coat).	4
133	*Hakama* (a kind of trousers).	2
134	*Momohiki* (a kind of pantaloons).	1
135	*Tabi* (socks).	1
136	Model of *ubuginu* (garment worn by a new born infant).	1 suit
E 137	Model of *obi* (belt) for ladies.	1
„ 138	Woolen cloth.	3

HANDIWORK BY PUPILS.

„ 139	Bag.	1
„ 140	Tablet of woolen cloth (ship).	1
„ 141	Muff.	1
„ 142	Stockings.	1
„ 143	Socks for children.	1
„ 144	Slippers.	1
„ 145	*Zukin* (hood).	3
„ 146	Shawl.	1
„ 147	*Yodare-kake* (bib).	3
„ 148	Cushion for flower-vase.	2
„ 149	Gloves.	1
„ 150	Garment for children.	1
„ 151	Hand bag.	2
„ 152	Small bag.	1
„ 153	*Fukusa* (cloth used for covering).	1
„ 154	*Oshiye* (raised fancy work).	20
„ 155	Embroidery.	4
„ 156	Bag.	2
„ 157	Box with raised figures.	1
„ 158	Photograph holder.	3
„ 159	*Fukusa* (cloth used for covering).	1
„ 160	ditto	1
„ 161	ditto	1
„ 162	*Mamori-bukuro* (bag of charms).	1

E 163	*Fukusa* (cloth used for covering).	1	E 167	Brush for Drawing.	4
„ 164	Woolen work.	1	„ 168	ditto	2
	APPARATUS OF TEACHING.		„ 169	Plates for dissolving paint.	2
„ 165	Pictures illustrating Japanese Etiquette, &c.	1 vol.	„ 170	Dish for washing brushes.	1
„ 166	Copy-book for Drawing.	6 vols.	„ 171	Paints.	10
			„ 172	Instrument for *oshiye* (raised fancy work).	9

FIRST HIGHER MIDDLE SCHOOL.

E 173	Calendar.	3 vols.	E 176	Drawing of school buildings.	1
„ 174	Compositions by pupils.	2	„ 177	Photograph of instructors, pupils, and class rooms.	1
„ 175	Plan of school buildings.	1			

SECOND HIGHER MIDDLE SCHOOL.

E 178	Calendar.	5 vols.	E 181	Statistical table.	1
„ 179	Compositions.	3 „	„ 182	Photograph of school buildings.	4
„ 180	Drawing.	30			

THIRD HIGHER MIDDLE SCHOOL.

E 183	Translation (Japanese into English.)	2 vols.		tions.	2 vols.
„ *184*	*English* Compositions.	2 vols.	E 185	Photograph of school buildings.	7

FOURTH HIGHER MIDDLE SCHOOL.

E	186	Compositions. 1 vol.	E	189	Free-hand drawing. 1
„	187	Examination papers in German. 1 „	„	190	Botanical specimens. 6
„	188	Examination papers on Mathematics. 1 „	„	191	Photograph of school buildings. 3

MEDICAL DEPARTMENT OF THE FOURTH HIGHER MIDDLE SCHOOL.

E	192	Table showing the number of patients.	E	194*a*	Drawing of the Hospital attached to the Medical Department. 2
„	193	Straw bandage, with a book of explanation in English. 1 case	„	194*b*	Instrumental Drawing. 1

FIFTH HIGHER MIDDLE SCHOOL.

E	195	*Ovi distoma pulmonae cerebri.* 1 case	E	199	*Embryo hominis.* 1 case
„	196	*Embryo archylostom duodenal.* 1 „	„	200	*Ovi distoma endemic hepatici.* 5 cases
„	197	Preparat of testicle. 1 „	„	201	Photograph of school buildings. 5
„	198	Flatten epithel. 1 „			

YAMAGUCHI HIGHER MIDDLE SCHOOL.

E	202	English Compositions.	1 vol.		ical Experiments in Physics.	1 vol.
„	203	German Compositions.	1 „	„ 206	Drawing.	2
„	204	Examination papers on Mathematics.	6 vols.	„ 207	ditto	7
„	205	Report on Practical		„ 208	Calendar.	1
				„ 209	Photograph of school buildings.	1

GROUP 149. CLASS 851.

IMPERIAL UNIVERSITY.

COLLEGE OF ENGINEERING.

F 1 Model of a proposed design for one of the three Pumping Stations of the Tokyo Waterworks. 1

Four sets of engines and pumps in each station engine, with one high pressure cylinder and two low pressure cylinders.

Dia. of high pressure cylinder ..... 2′ 0″
Dia. of low pressure cylinder ..... 1′ 6″
Stroke ..... 2′ 6″
Dia. of the pumps .... 1′ 6½″
Maximum quantity of water *pumped* by three sets of engines.....34.7 cub. ft. per sec.

Head pumped against different at each station, from 75 ft. to 116 ft.

(Design could be easily modified to tri-compound, if preferred).

The engines are of vertical marine type acting directly on the pumps with shaft and flywheel to regulate the motion.

The pumps deliver directly into the service main.

All cylinders provided with variable expansion gear regulated automatically by the pressure in the main.

Designed by a graduate of the Engineering College, Imperial University, Japan.

Model made by the pattern makers in the College work-shop.

2 Model of tea-room, Myōki-an, Yamazaki, $\frac{1}{8}$ of natural size. 1

This is a model of the Myōki-an, a tea-room at Yamazaki, a wooden structure, scale $\frac{1}{8}$ full size. It is an exact copy of the Myōki-an. The model was built, July 1892, by a native carpenter, superintended by Keikichi Ishii, Assistant Professor, Engineering College, Imperial University, under the direction of Kingo Tatsuno, Professor. The model is cut right vertically into two, in order to expose the inside view. Some extra fixings are made to support the cut halves firmly. The Myōki-an represented by this model stands near a Buddhist temple at Ōyamazaki in the district of Yamashiro. It is noted for having been owned by Rikyū, a priest, who was the founder of the tea-entertainment (*cha-no-yu*). Moreover, it is renowned for the fact that the Taikō, Toyotomi Hideyoshi, once visited it.

3 Graduation Essays and Drawings by students of Civil Engineering for the last three consecutive years. 1

4 Model, vertical section, and reproduction of decorative coloring of the Gojū-no-tō, Nikkō, $\frac{1}{20}$ of natural size. 1

This is a model of the Gojū-no-tō, or the five storied tower, at Nikkō, Japan. It is a timber structure, like the real one. It is exactly of the same size as the drawing, which is $\frac{1}{20}$ full size. The model is built by Sentarō Kurosaki, a native carpenter of repute, superintended by Keikichi Ishii, Assistant Professor, Engineering College, Imperial University, under the direction of Kingo Tatsuno, Professor, July 1892. The roofings and the hand-rails are partly unfinished, the object being to make the construction, which is of a special kind, easily visible. The colors are applied by Mr. Kotobuki Matsuoka, exactly in imitation of the real ones.

The Gojū-no-tō represented by this model has a total height, measured from the base-stone up to the *hōshi*—an ornamental globe of metal on the top of the prominent rod—of 113 feet and 4 inches. As measured from the ground level to the apex, it is 116 feet and 8 inches. Each side of the bottom square measures 16 feet between the centres of the corner columns. The vertical section of the Gojū-no-tō is calculated to have an area of 1,692½ square feet, of which an area of 43½ square feet is the vertical section at the centre of the *kurin* (top rod exposed to the weather). The tower is enclosed with a stone fence eight *ken* or forty-eight feet square. The outer surfaces of the body of the tower are painted red. The eaves of

each story are composed of double rafters, and cast deep shadows upon the body of the tower. The roofing material is copper. The bottom story is most elaborately finished. The panels of the doors have the sign of the *aoi* —the holly-hock—the Tokugawa family crest. As to the interior, the centre columns of the "four heavens" are enclosed with *kinran*—gold embroidery. The four sides are painted red. Around the eaves of the bottom story, color-decorations are applied profusely, and there are painted wood-engravings of the twelve animals representing the Duodenary Cycle—namely, Rat, Bull, Tiger, Hare, Dragon, Serpent, Horse, Goat, Ape, Cock, Dog, and Pig.

The mode of construction of the Gojū-no-tō is very ingenious. It has power to resist violent winds, as well as great earthquake shocks, which are well known to be frequent in Japan. Like the ordinary structures after the native fashion, the Gojū-no-tō consists of uprights and horizontals of timber with a very few diagonal elements. Each story has 16 columns, 12 of which are always visible from the outside. The inter-columniation of each story is a little less than that of the story below it. The junctions of the columns of a lower story with those of an upper one are made simply with mortise and tenon applied to the horizontal squares framed at the levels of the junction. The corner rafters, which are important as supports for the extraordinary *projections* of the eaves, also increase the strength of t
tion, as the ends of th
rafters are fixed to the
columns of the story ab
mortise and tenon. Th
rails and roof-timberings
sist in fastening the j
Great constructive inge
revealed in the use of th
shaft, which is simply
the middle, vertically su
by means of a chain, and
carries the top rod pr
upon the highest roof. T
does not touch the grou
the construction, exceptin
top roof. By this cont
the highest roof is mad
proof, and, at the same ti
centre of gravity, which is
ly calculated to be at th
part of the hand-rail leve
lowest-but-one story, is
a little; and thus the stab
the structure is much in
This mode of constructio
from China. But in Ch
excellent mode of const
has been lost.

The Gojū-no-tō at N
situated at the west side
the stone *torii* and the
mon of the Shrine of Tōsh
gen. Some Buddhist id
placed in the central par
lowest story. This tow
been built and dedicated
shō Gongen by one of h
subjects, Sakai Tadakat
Obama in Wakasa, in the
of Keian (1650 A.D.). In
cond year of Bunkwa (180
this graceful pagoda o
was burnt down. The
rebuilding it exactly
original model was b
February 11th in the s

of Bunkwa (1809 A. D.), and the building was completed on October 27th of the same year. The foreman of the workers was Kiheiji Ōkura. The external red paint and other decorations were executed by Hikoshiro Hinoya, a contractor.

Vertical section of the Gojū-no-tō, Nikkō; $\frac{1}{20}$ full size, copied by Jotarō Ishihara, College of Engineering, Imperial University of Japan.

Reproduction of Decorative Coloring of the Gojū-no-tō, Nikkō; $\frac{1}{20}$ full size, Jotarō Ishihara, Draughtsman; College of Engineering, Imperial University of Japan.

5 Model of the Sammon, or Mountain Gate, at Shiba in Tōkyō.

This is a model of the Shiba Sammon or the Mountain Gate, at Shiba, Tōkyō, Japan. It is a timber structure, like the real one. The model was made by native carpenters in the old Kōbu-dai-gakkō, or Engineering College, under the Engineering Department of the Government. The paint has been recently applied by a contractor, Satō, superintended by Keikichi Ishii, Assistant Professor, under the direction of Kingo Tatsuno, Professor, July 1892.

The Shiba Sammon represented by this model stands in the Shiba Park, originally a great cemetery of the Tokugawa family. Sammon, as its name implies, is the Mountain Gate, that is, the gate of honor. It is one of the chief features of Buddhist grave-yards.

The structure is two-storied. The lower part is for passage, on both sides of which the Niō, or the statues of the two kings, have been placed. In the upper story, the Jūroku Rakan, or the statues of the sixteen Buddhist sages, have been put. The paint is of cinnabar red.

The Shiba Sammon was built in the third year of Keichō (1598 A. D.).

F 6 Automatic Electric Recorder, invented by the late Professor R. Shida, of the Engineering College, Imperial University, Tōkyō, Japan.

COLLEGE OF SCIENCE.

(Instruments in the Earthquake Laboratory.)

The first earthquake instrument ever invented, is in all probability that of Chōkō, dating from the year A. D. 132. The first instrument used for keeping systematic records in Japan, was Palmieri's modification of the contrivance sketched out by the late Robert Mallet. Since this, not only have all forms

of seismographs and seismoscopes employed in Europe and America been employed, but many special forms have been designed in Japan, with the result that rather than Japan borrowing from Europe and America, these countries are using inventions which had their origin in Japan. A few of these instruments are exhibited in this laboratory. The main feature in their construction is that they all work from "*steady points*," and for small earthquakes at least, we can say with confidence that the diagrams they yield are absolute measurements of the earth's motion. From diagrams written on stationary plates we know the extent and the direction of the principal vibrations in a shock, but when the movements are recorded on a moving surface, we know the period or the rapidity with which the movements follow each other. From these latter diagrams, the acceleration or suddenness of movements may be calculated and factors given to engineers enabling them to build so as to resist known forces, rather than simply building strongly because an earthquake is strong.

F 7 Seismograph writing on a glass disc with a time-ticker. 1

Here we have horizontal pendulums writing the earth's motion as two rectangular components on the surface of a smoked glass plate. The vertical motion is given by a vertical spring lever *seismograph.* The rate at which the plate revolves is accurately marked by an electrical time-ticker. The movements of the latter are governed by a pendulum swinging across and making contacts with a small vessel of mercury.

The revolving plate is kept in motion by clock work which is set in motion by an electric seismoscope. (See No. 8.)

F 7 Circular plates for the above. 12

" 8 Earthquake clock, contact maker, time-ticker pendulum, and six dry cells, belonging to the Seismograph writing on a disc and Seismograph writing on a drum. 7

Electrical Contact Maker. These instruments are delicate seismoscopes, which, on the slightest disturbance, close an electric circuit, which actuating electric magnets, sets free the machinery driving the recording surfaces on which diagrams are written.

Clock. At the time of an earthquake the dial of this clock moves quickly back and forth and receives on its surface three dots from the ink pads on its fingers. It thus records hours, minutes and seconds, without being stopped.

" 9 Seismograph writing on a band of paper. 1

In this instrument not only is the diagram written along a straight line but it is written with pencil,—the trouble of handling smoked paper being therefore avoided. When the earthquake ceases, the drum ceases to revolve, but if a second or third earthquake should occur, it is again set in motion. By this means a series of earthquakes may be recorded, the resetting of the instrument being automatic.

9 Seismograph without multiplying levers. 1

This instrument is intended to record large motions, the horizontal levers not being prolonged beyond the steady points to multiply the motion. For large earthquakes, when the ground is thrown into wave like undulations, special instruments which measure tilting are employed.

,, Duplex Pendulum Seismograph. 1

In this case a steady point is obtained by controlling the motion of an ordinary pendulum with an inverted pendulum. The record consists of a series of superimposed curves written on a smoked glass plate.

,, Mantelpiece Seismometer. 1

This is intended for the use of those who simply wish to know the direction and extent of motion as recorded at their own house. It is a form of duplex pendulum, and it gives absolute measurements for small displacement.

F 10 Tromometer. 1

This is one form of an instrument which is used to record movements which are common to all countries, called earth tremors. Every five minutes, by clock-work contacts and an induction coil, sparks are discharged from the end of the long pointer to perforate the bands of paper which are slowly moving across the brass table. If the pointer is at rest, then a series of holes are made following each other in a straight line, but if it is moving, the bands of paper are perforated in all direction round what would be the normal line of perforations.

The earth movements which cause these disturbances are apparently long surface undulations of the earth's crust, in form not unlike the swell upon the ocean.

A more satisfactory method of recording these motions, which has been used for the last two years, is by a continuous photograph of a ray of light reflected from a small mirror attached to a small but extremely light horizontal pendulum.

,, ,, Coil, clock, etc., belonging to the above. 1

,, 11 Model of an Earthquake. 1

The bent wires represent the path traced by an earth particle at the time of the Earthquake of

Jan. 15th, 1887. The numbers indicate successive seconds. This model was made by Prof. S. Sekiya.

F 12 Safety lamps. 2

These are lamps which, if overturned, are at once extinguished. One of these is a European invention and the other Japanese.

„ 13 Photograph illustrating Seismic and Volcanic Effects: 24

Biwajima Bridge.
Cotton Factory, Nagoya.
ditto
Twisted Railway Line.
Bridge in Neo Valley.
Landslips in Neo Valley.
Sunken Houses in Neo Valley.
Railway Bridge, Nagara River.
ditto
ditto
Town of Kasamatsu.
ditto
Embankment of Nagara River.
Biwajima.
The Great Fault in Neo Valley.
Crater wall of Bandaisan.
Bandaisan.
Lake formed by damming a Valley.
ditto
Inside the crater of Bandaisan, destroyed by air concussion.
Mt. Fuji from Kawaguchi.
Mt. Fuji from Otome Pass.
The crater of Asama-yama.

These pictures show the effects of the Great Earthquake of October 28th, 1891, the devastation following the Eruption of Bandaisan in 1887, and several of the more important volcanoes in Japan.

1. The Great Earthquake of Japan on Oct. 28th 891, resulted in the death of about 10,000 people, the total destruction of 127,000 houses, and the general ruin of everything within an area of 92,000 square miles. Forests were shaken from hill sides and valleys were compressed whilst a fault or sinking of country took place along a line between 40 and 50 miles in length. The earth movement was probably as great as anything recorded in the history of seismology.

	2. The Eruption of Bandai-san took place on July 15th, 1888. In less than ten minutes material derived from the blowing off of a mountain top buried an area measuring 13 by 7 miles, from 30 to 100 feet deep, beneath a sea of earth and boulders. All in the district, numbering some 600 souls, were buried.	F	15	Chinese seismometer.	2
				Frames of covers belonging to the instruments exhibited.	1
		,,	16	Explanatory notes.	1400
		,,	17	Seismograph writing on a drum.	1
	3. Fujisan, which ranks amongst the most symmetrical volcanic cones in the world, last erupted in 1707. Its solitary grandeur and graceful outline have attracted the attention of artists and poets and made it an object of admiration for all travellers.			In this instrument the record is written on a band of paper, the diagram being less difficult to interpret because it is written to the right and left of a straight line and not round a circle.	
		,,	18	Specimens of insects.	1
	4. Asama is a volcano about 70 miles north of Tōkyō. It is always in a state of activity and at night the glow of its fires can be distinctly seen at the bottom of a crater over 700 feet in depth.	,,	19	Drawing.	1
		,,	,,	Archaeological specimen.	1
				ditto	1
		,,	,,	ditto	1
14	Picture of the old	,,	,,	ditto	1

COLLEGE OF AGRICULTURE.

20	Model of Japanese fruits.	103 kinds		experiments with barley.	1
21	Photograph showing the results of manuring experiments with rice.	1	,,	23 Bulletin of the Agricultural College, Imperial University, Japan.	1
22	Photograph showing the results of manuring experiments		,,	24 Specimens of Japanese timber-wood.	8 frames.

F	25	A set of discs showing the growth of the most important Japanese timber trees.	3
„	26	Analytical diagram of the most important Japanese timber trees.	1
„	27	Diagram showing the vertical growth of the most important Japanese timber trees.	1
„	28	Diagram showing the horizontal growth of the most important Japanese timber trees.	1
„	29	Diagram showing the volume growth of the most important Japanese timber trees.	1
„	30	Experimental table of a *sugi*-forest in Yoshino.	1
„	31	Specimens of seeds of the more important Japanese timber trees.	30 bottles
„	32	A set of photographs showing the transportation of timber in *the Kiso* forest.	1

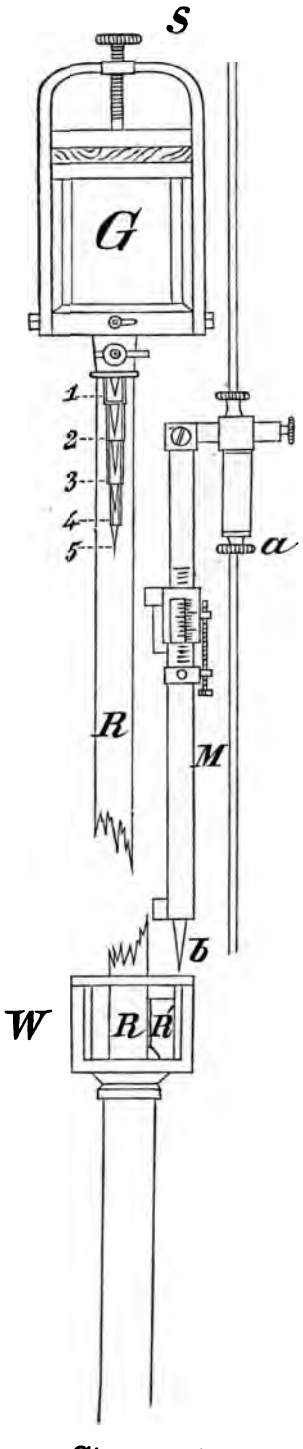
F 33 Stereometer. 1

This instrument has been constructed for the physical laboratory of the Agricultural College, Imperial University, Tōkyō, for determining the specific gravity of porous substances, such as wood and soils, which undergo changes of volume in water, and also for ascertaining quickly the air and the water capacities of soils.

It is constructed on the same principle as the well-known Say's stereometer and Regnault's volumometer, and combines the merits of both instruments, especially the accuracy of Regnault's instrument without the use of barometer or kathetometer.

The gilded vessel G inside the glass cylinder is intended to hold the substance to be experimented with, and is hermetically closed by means of a screw s, whilst the stop-cocks α and β are opened, so that the air in the glass cylinder can communicate with the air outside. Then the vessel G is lowered slowly by means of a rack till the point of the ivory tooth 1 inside the glass tube R touches the surface of the mercury. Now the stop-cock β is closed and the vessel G is again raised till the rising mercury reaches the point of the second ivory tooth. In order to attain the greatest accuracy, the micrometer screw behind the vessel G should be used.

The level of the mercury in the glass tube R can be indicated by means of a scale M, which is movable in all directions. By means of the screw α, we can



Stereometer.

adjust the scale in such a position that the point of the ivory tooth b, which is the zero of the scale, touches the surface of the mercury in the tube w. In order that any error from the fluctuation of the surface of the mercury might be avoided, and also the capillary depression in the tube R might be reduced as much as possible, the tooth b is so made as to move about in the glass tube R', which has the same diameter as the tube R and communicates with it at the bottom.

Let the height of the mercury in the tube R be η. The stop-cock α and β being closed, the air in the vessel G is under the atmospheric pressure at the time of the experiment, while the air in the glass tube R is under the pressure $H-\eta$. Let the volume of the glass tube from β to the tooth 1 be v' and that from the tooth 1 to the tooth 2, v, then we have

$$Hv' = (H-\eta)(v+v'). \qquad \text{I}$$

Now, having opened the stop-cock α and β, lower the vessel G till the point of the ivory tooth 1 touches again the surface of the mercury. Then close the stop-cock α and raise again the vessel G till the surface of the mercury touches one of the ivory teeth below the tooth 2. Use the tooth 3, 4 or 5, according to the volume of the substance experimented with, taking care that the height of the raised mercury allows us to measure it by the scale M, without being hindered by the vessel G.

Now let the volume of the glass tube from the ivory tooth 2 to any one of the three teeth 3, 4, or 5 be w, the volume of the vessel without the substance experimented with, V, the volume of the substance experimented with, x, and the height of the mercury, η', then as the air has expanded from the volume $V-x+v'$ to the volume $V-x+v'+v+w$, we have

$$(V-x+v')H = (H-\eta')(V-x+v'+v+w). \qquad \text{II}$$

provided, that the temperature is inaltered.

Combining this equation with the equation I, we have

$$x = A - B\left(1-\frac{\eta'}{\eta}\right)$$

A and B are two constants independent of the barometric height, and peculiar to each instrument, inasmuch as we can neglect the changes of volume of the vessel G and the glass tube R due to the changes of temperature. These constants can be readily determined experimentally.

F 34 **Tribometer.** 1

This instrument has been made by the Kikai Seizōkaisha, Tōkyō, according to the directions of Dr. Dirō Kitao, Professor of the Agricultural College, Imperial University, in order to determine the friction coefficient of Japanese timber, and also to investigate the laws of sliding friction of anisotropic bodies.

The principal part of the instrument consists of a strong well-polished plate A A (V. Diagram) which by its steel knife-

edge just touches the steel cross-piece d of the iron supporter U. From the other end of the plate $A\,A$, which can be moved around its edge C, two thin but strong cords are passed parallel to each other, first over two rollers (near r) and then through the slits $R\,R$ of the movable plate and are fastened to an axle in the supporter U, in such a manner that the plate $A\,A$ can be moved round the knife-edge c by turning the handle k. As the mass of the cords is quite insignificant when compared with that of the movable plate, and the supporter stands quite firmly on account of its weight and size, the movable plate can be turned without shaking by means of the handle, if it is turned always with the same speed.

The square columns $B\,B$ which support the rollers and stand perfectly vertical are 200 mm. long, counting from the axle of the movable plate. One of these columns is supplied with a scale of mm. and a vernier N, which is raised when the plate is turned and can be kept in position there by means of a spring. The friction plate F made of polished iron can be replaced by another of different substance, which is fastened by means of four screws s. The solid body whose friction coefficient is to be determined is placed on the friction plate, and the plate $A\,A$ turned until the solid body begins to slide. We get the friction coëfficient of the body experimented with in relation to the friction surface by means of the following equation:

$$n=\frac{m}{200\left[1-\left(\frac{\Delta}{200}\right)^2\right]}-\frac{\Delta}{200}\sqrt{\frac{1+\left(\frac{m}{200}\right)^2-\left(\frac{\Delta}{200}\right)^2}{\left[1-\left(\frac{\Delta}{200}\right)^2\right]}}$$

in which Δ is the thickness of the movable plate and m the scale reading.

But as the beginning of sliding under such a critical angle is hardly perceptible to the eye, Dr. Kitao has employed an electro-magnetic clock-work to indicate it. The screw by which a metallic hoop is fastened around the body experimented with, ends in a knob covered with platinum γ. Opposite to it are two fine platinum brads α, one of which is fastened on to the short small massive column e while the other is put through the slit in the column e without coming in metallic contact with it. This second brad can be moved by the screw σ in the short small column e', till both brads α form a metallic connection with the platinum γ. Now, as shown by the dotted lines in the diagram, the binding screws $s\,s$, the small columns e and e' and the ends of the metallic conductors of the electric clock-work M are so combined, that as long as γ forms a metallic connection with α, that is to say, as long as the body remains in the state of rest, the iron armature ε is drawn to the clock-work, but as soon as the body begins to move and the connection between γ and α is interrupted, the iron armature begins to vibrate.

Tribometer.

6

Tribometer.

Dr. Kitao has examined with this instrument a large number of timber and has therefore had many opportunities of assuring himself of the sensibility of this instrument as well as of the impossibility to draw a sharp line between the state of rest and of motion of the bodies experimented with. Certainly, the remaining magnetism is troublesome, especially if the current is too strong; besides, the moment when γ and α lose their electric connection is not identical with the moment when the iron armature ε in the electric clock gives way. Moreover, as the iron armature thus thrown back needs a little time to produce the first sound, the interruption of the conduction between γ and α does not take place at the same time with the perception of the sound. But it was found that the defects arising from these inconveniences seem to be of the same sort as the defects which arise from the inevitable shaking of the plate by turning, if a weak current is used and the movable plate near the critical angle is turned so slowly that the rate of turning nearly vanishes against the rate of the vibration of the iron armature.

The magnitude of the friction coefficient, even with an amorphous body, is found somewhat different if the direction of sliding is changed. In order to be quite sure that the sliding direction of the body is always the same, when repeating the experiments with the same body, we make use of the pusher *D*, which can *be moved along* the friction surface *F* by means of the screw Σ. We turn Σ till platinum γ gets into electric contact with two little brads, when the electric clock will be silent. Now Σ is turned back until there is a hair's breadth between hoop *U* and the pusher *D*.

The results obtained by this instrument will soon be published in an essay in the bulletin of the College of Agriculture, Imperial University, Tōkyō.

F 35 Specimens of charcoal made by dry distillation. 12 cases

„ 36 Forest technological products. „

„ 37 Models of the ligaments of the Japanese horse:

I.

Ligaments of temporo-maxillary articulation.

1. 2. Ligamenta capsularia.
3. Ligamentum laterale.
4. Ligamentum laterale superius.

II.

Ligaments of occipito-atloid articulation, atlo-axoid articulation and intervertebral articulation between axis and vertebra colli tertia.

1. 2. 3. Ligamenta articularia capitis.
4. Ligamentum obturatorium posterius hom.
5. 6. Ligamenta lateralia atlantis.

7. Ligamentum obturatorium anterius hom.

8. 9. 10. 11. Ligamenta capsularia atlantis et epistrophei.

12. 13. 14. Ligamenta intercruralia.

15. 16. 17. Ligamenta interspinalia.

18. Ligamentum superius processus odontoidei.

19. Ligamentum inferius processus odontoidei.

20. Ligamentum nuchae (funicular portion).

21. 22. Ligamenta nuchae (lamellar portion).

23. 24. Ligamenta capsularia.

25. Ligamentum longitudinale posterius hom.

26. Ligamentum intervertebrale.

III.

Ligaments of intervertebral articulations and costo-vertebral articulations.

1.— 5. Ligamenta intervertebralia.

6. Ligamentum longitudinale posterius hom.

7. Ligamentum longitudinale anterius hom.

8.—11. Ligamenta capsularia.

12. 13. Ligamenta capsularia capituli costae.

14.—17. Ligamenta capsularia tuberculi costae.

18.—21. Ligamenta colli costae.

22.—25. Ligamenta tu costae.

26.—29. Ligamenta costae inferio

30.—33. Ligamenta co costarum.

IV.

Ligaments of interve articulation.

1. 2. Ligamenta int bralia.

3. Ligamentum longi anterius hom.

4. 5. Ligamenta capsul

6. 7. Ligamenta inters

8. Ligamentum supra

9. Ligamentum interc

V.

Ligaments of chondr nal articulations sternal symphyse

1.—8. Ligamenta st talia radiata.

9. Ligamentum c xyphoideum ho

10. Ligamentum ste prium superius.

VI.

Ligaments of sca humeral articulat

1. 2. Ligamenta ca brachii.

VII.

Ligaments of humerc articulation and ra ulnar articulatio

1. Ligamentum c antibrachii.

2. Ligamentum later ale.

3. Ligamentum late nare.

4. Ligamentum transversum internum radii et ulnae.
5. Ligamentum transversum externum radii et ulnae.
6. 7. Ligamenta interossea hom.

VIII.

Ligaments of articulations of the carpus and intermetacarpal articulations.

1. Ligamentum carpi capsulare.
2. Ligamentum carpi volare commune.
3. Ligamentum carpi laterale internum anterius.
4. Ligamentum carpi laterale internum medium.
5. Ligamentum carpi laterale internum posterius.
6. Ligamentum carpi laterale externum longum.
7. Ligamentum carpi laterale externum breve.
8. Ligamentum laterale radii et ossis navicularis.
9. Ligamentum laterale ulnae et ossis triquetri.
10. Ligamentum volare obliquum ossis navicularis et radii.
11. Ligamentum radii et ossis pisiformis.
12. Ligamentum volare ossis navicularis, multanguli minoris et capitati.
13. Ligamentum volare ossis triquetri et capitati.
14. Ligamentum inferius ossis pisiformis.
15. Ligamentum laterale ossis multanguli minoris et metacarpi.
16. Ligamentum laterale ossis hamati et metacarpi.
17. Ligamentum dorsale obliquum ossis capitati et metacarpi internum.
18. Ligamentum dorsale obliquum ossis capitati et metacarpi externum.
19. Ligamentum transversum dorsale ossis navicularis et semilunaris.
20. Ligamentum transversum dorsale ossis semilunaris et triquetri.
21. Ligamentum transversum ossis triquetri et pisiformis.
22. 23. Ligamenta volaria ossis pisiformis, triquetri, et semilunaris.
24. Ligamentum volare ossis semilunaris et navicularis.
25. Ligamentum transversum dorsale ossis capitati et hamati.
26. 27. Ligamenta interossea metacarpi.
28. Ligamentum suspensorium.

IX.

Ligaments of intermetacarpal articulations, metacarpo-phalangeal articulation and interphalangeal articulations.

1. 2. Ligamenta interossea metacarpi.
3. 4. 5. Ligamenta suspensoria.
6. Ligamentum capsulare phalangis primae.
7. Ligamentum laterale radiale phalangis primae.
8. Ligamentum laterale ulnare phalangis primae.
9. Ligamentum osseum sesamoideorum transversum.
10. Ligamentum laterale ossium sesamoideorum internum
11. Ligamentum laterale ossium sesamoideorum externum.
12. 13. 14. Ligamenta volaria recta ossium sesamoideorum.
15. Ligamentum cruciatum ossium sesamoideorum.
16. Ligamentum laterale radiale phalangis secundae.
17. Ligamentum laterale ulnare phalangis secundae.
18.—22. Ligamenta volaria phalangis secundae.
23. Ligamentum capsulare phalangis tertiae.
24. Ligamentum l radiale ph tertiae.
25. Ligamentum l ulnare ph tertiae.
26. Ligamentum radiale ossi moidei infer
27. Ligamentum ulnare ossi moidei infer
28. Ligamentum i seum.
29. 30. Ligamenta ginis et oss cularis.
31. 32. 33. Ligamenta car et phalang mae.
34. Ligamentum ginis et ph secundae.
35. Ligamentum ginis et ph tertiae.

X.

Ligaments of sacrum and os innomi

1. Ligamentum spinale.
2. 3. 4. 5. Ligamenta spinalia.
6. Ligamentum anticum hoi
7. Ligamentum tum hom.
8. 9. Ligamenta ra brevia ho
10. Ligamentum rum longu
11. Ligamentum so- et spin rum hom.

12. Ligamentum obturatorium hom.
13. Ligamentum teres hom.

XI.

Ligaments of coxo-femoral articulation.

1. Ligamentum capsulare femoris.
2. Ligamentum transversum incisurae acetabuli.
3. Ligamentum teres hom.
4. Ligamentum pubo-femorale.

XII.

Ligaments of femoro-tibial articulation and tibio-fibular articulation.

1. Ligamentum anticum cartilaginis semilunaris internae.
2. Ligamentum posticum cartilaginis semilunaris internae.
3. Ligamentum anticum cartilaginis semilunaris externae.
4. Ligamentum posticum superius cartilaginis semilunaris externae.
5. Ligamentum posticum inferius cartilaginis semilunaris externae.
6. Ligamentum capsulare tibiae.
7. Ligamentum tibiae laterale internum hom.
8. Ligamentum tibiae laterale externum hom.
9. 10. Ligamenta cruciata antica hom.
11. Ligamentum cruciatum *posticum* hom.
12. Ligamentum patellae capsulare.
13. Ligamentum transversum patellae internum.
14. Ligamentum transversum patellae externum.
15. Ligamentum patellae rectum internum.
16. Ligamentum patellae rectum medium.
17 Ligamentum patellae rectum externum.
18. Ligamentum fibulare capsulare.
19. 20. Ligamenta interossea tibiae et fibulae.

XIII.

Ligaments of articulations of the tarsus and intermetatarsal articulations.

1. Ligamentum tarsi capsulare.
2. Ligamentum tarsi laterale internum longum.
3. 4. 5. Ligamenta tarsi lateralia interna brevia.
6. Ligamentum tibiale astragali.
7. Ligamentum tarsi laterale externum longum.
8. 9. Ligamenta tarsi lateralia externa brevia.
10. Ligamentum tarsi plantare.
11. Ligamentum dorsale tarsi obliquum.
12. Ligamentum plantare rectum astragali et ossis navicularis.
13. Ligamentum dorsale obliquum calcanei et ossis navicularis.
14. Ligamentum plantare rectum calcanei et os-

sis cuneiformis primi et secundi.

15. Ligamentum dorsale obliquum ossis navicularis et cuneiformis tertii.

16. Ligamentum dorsale obliquum ossis cuneiformis tertii et metatarsi medii.

17. Ligamentum dorsale obliquum ossis cuboidei et metatarsi medii et externi.

18. Ligamentum transversum externum calcanei et astragali.

19. Ligamentum plantare internum calcanei et astragali.

20. Ligamentum plantare externum calcanei et astragali.

21. Ligamentum transversum dorsale ossis navicularis et cuboidei.

22. Ligamentum transversum dorsale ossis cuneiformis tertii et cuboidei.

23. 24. Ligamenta interossea metatarsi.

F 38 Models of the muscular insertions of the Japanese horse:

I.

Muscular insertions on ossa cranii.

1. 2. Musculi mastoido-humerales.

3. Musculus splenius capitis et colli hominis.

4. Musculus trachelo-mastoideus h.

5. Musculus complexus h.

6. Musculus rectus capitis posticus major.

7. Musculus rectus capitis posticus medius.

8. Musculus rectus capitis posticus minor h.

9. Musculus obliquus capitis superior h.

10. Musculus occipito-styloideus.

11. Musculus biventer maxillae inferioris h.

12. Musculus stylo-maxillaris.

13. Musculus tragicus h.

14. Musculus tensor veli palatini h., et Musculus levator veli palatini h.

15. Musculus rectus capitis anticus major h.

16. Musculus rectus capitis anticus minor h.

17. Musculus rectus capitis lateralis h.

18. 19. Musculi temporales h.

20. Musculus levator auris longus.

21. 22. 23. Musculi communes auris.

24. Musculus adductor auris superior.

25. Musculus levator auris medius.

26. Musculus adductor auris externus.

27. Musculus corrugator supercilii h.

28. Musculus orbicularis palpebrarum h.
29. Musculus levator labii superioris et alae nasi h.
30. Musculus levator labii superioris proprius.
31. Musculus lacrymalis.
32. Musculus masseter h.
33. Musculus pyramidalis nasi.
34. Musculus molaris.
35. Musculus obliquus oculi inferior.
36. Musculus levator palpebrae superioris h.
37. Musculus rectus oculi superior.
38. Musculus rectus oculi inferior.
39. Musculus rectus oculi internus.
40. Musculus rectus oculi externus, et Musculus retractor bulbi.
41. Musculus obliquus oculi superior.
42. Musculus pterygoideus externus h.
43. Musculus pterygoideus internus h.
44. Musculus pterygopharyngeus h.
45. Musculus palato-pharyngeus.
46. Musculus palatinus.
47. 48. Musculi dilatatores breves.
49. Musculus buccinator h.
50. Musculus incisivus labii superioris h.

II.

Muscular insertions on os maxillare inferius.

1. 2. Musculi temporales h.
3. Musculus masseter h.
4. Musculus molaris et Musculus depressor labii inferioris.
5. Musculus buccinator h.
6. Musculus incisivus labii inferioris h.
7. Musculus levator menti h.
8. Musculus sterno-maxillaris.
9. Musculus stylo-maxillaris.
10. Musculus biventer maxillae inferioris h.
11. Musculus pterygoideus externus h.
12. Musculus pterygoideus internus h.
13. Musculus mylo-hyoideus h.
14. Musculus mylo-glossus h.
15. Musculus genio-glossus h.
16. Musculus genio-hyoideus h.

III.

Muscular insertions on os hyoideum.

1. 2. Musculi occipito styloidei.
3. 4. 5. 6. Musculi stylo-hyoidei h.
7. 8. Musculi styloglossi h.
9. 10. Musculi stylo-glossi secundi.
11. 12. Musculi stylo-pharyngei h.
13. 14. Musculi hyoidei transversi h.
15. 16. 17. 18. Musculi cerato-hyoideus h.

19. 20. Musculi linguales h.
21. Musculus hyo-epiglotticus h.
22. 23. Musculi baseoglossi h.
24. Musculus geniohyoideus h.
25. 26. Musculi mylohyoidei h.
27. Musculi omohyoideus h. et Musculus sternohyoideus h.
28. 29. Musculi chondropharyngei h.
30. 31. Musculi hyothyreoidei h.
32. 33. Musculi ceratopharyngei h.

IV.

Muscular insertions on atlas.

1. 2. Musculi obliqui capitis inferiores h.
3. 4. Musculi recti capitis postici minores h.
5. 6. Musculi obliqui capitis superiores h.
7. 8. Musculi recti capitis antici minores h.
9. 10. Musculi recti capitis laterales h.
11. Musculus longus colli h.
12. 13. Musculi transversales cervicis, Musculi sterno-humerales, et Musculi splenii capitis et colli h.

V.

Muscular inserti on axis.

1. 2. Musculi re tis posti
3. 4. Musculi re tis posti es.
5. 6. Musculi cervicis
7. 8. Musculi capitis i h.
9. 10. 11. 12. Musculi transve cervicis
13. 14. Musculi i humeral
15. 16. Musculi us h.
17. 18. Musculi re tis antic h.
19. 20. Musculi d es colli
21. Musculus colli h.

VI.

Muscular insertio vertebra colli qu

1. 2. 3. 4. Musculi cervicis l
5. Musculus i lis h.
6. 7. 8. 9. Musculi c h., Musculi mastoid Musculi sales cer
10.—15. Musculi i versales h.

16. 17. Musculi scaleni posteriores.
18. 19. Musculi scaleni anteriores et medii.
20. 21. Musculi mastoido-humerales,
Musculi levatores scapulae h.,
Musculi splenii capitis et colli h., et
Musculi cervicales descendentes h.
22. 23. Musculi recti capitis antici majores h.
24.—28. Musculi longi colli h.

VII.

Muscular insertions on vertebra dorsalis nona.

1. 2. Musculi cucullares h.,
Musculi latissimi dorsi h., et
Musculi serrati postici superiores h.
3. 4. 5. 6. Musculi longissimi dorsi h.
7. 8. 9. 10. Musculi multifidi spinae h.
11. 12. Musculi levatores costae h.

VIII.

Muscular insertions on vertebra lumbalis tertia.

1. Musculus latissimus dorsi h.,
Musculus serratus posticus inferior h., et
Musculus longissimus dorsi h.
2. 3. 4. 5. ditto
6. 7. 8. 9. Musculi multifidi spinae h.
10. 11. Musculi ilio-costales h.,
Musculi retractores costae, et
Musculi transversi abdominis h.
12. 13. 14. 15. Musculi intertransversales lumbales h.
16. 17. Musculi quadrati lumborum h
18. 19. Musculi psoai magni h.
20. 21. Musculi psoai parvi h.
22. Musculus phrenicus h.

IX.

Muscular insertions on os sacrum.

1. Musculus glutaeus externus.
2. 3. 4. Musculi bicipites femoris h.
5. Musculus semitendinosus h.
6. 7. 8. 9. Musculi levatores caudae longi.
10—13. Musculi levatores caudae breves.
14—31. Musculi multifidi spinae h.
32—37. Musculi longissimi dorsi h.
38. 39. Musculi intertransversales caudae.
40. 41. Musculi coccygei h.
42. 43. Musculi depressores caudae longi.

44. 45. Musculi depressores caudae breves.

46. 47. Musculi quadrati lumborum h.

48. 49. Musculus pyriformes h., et
Musculus iliacus internus h.

X.

Muscular insertions on costa prima.

1. Musculus ilio-costalis h.
2. Musculus levator scapulae h.
3. Musculus serratus anticus major h.
4. Musculus scalenus posterior.
5. Musculus scalenus anterior et medius.
6. Musculus transversus costarum.
7. Musculus intercostalis externus.
8. Musculus intercostalis internus.
9. Musculus pectoralis parvus.

XI.

Muscular insertions on costa nona.

1. Musculus levator costae h.
2. 3. Musculi ilio-costales h.
4. 5. Musculi intercostales externi.
6. 7. Musculi intercostales interni.
8. Musculus serratus posticus superior h.
9. Musculus obliquus externus abdominis h.
10. Musculus longissimus dorsi h.
11. Musculus phrenicus h.

XII.

Muscular insertions on costa octava decima.

1. Musculus levator costae h.
2. 3. Musculi intercostales externi.
4. Musculus intercostalis internus.
5. Musculus ilio-costalis h.
6. Musculus longissimi dorsi h.
7. Musculus retractor cost
8. Musculus serratus po cus inferior h.
9. Musculus obliquus e nus abdominis h.
10. Musculus quadratus borum h.
11. Musculus psoas m h.
12. Musculus phrenicus
13. Musculus transver dominis h.
14. Musculus obliqu nus abdominis

XIII.

Muscular insertio sternum.

1. Musculus cut
2. Musculus st laris.
3. Musculus ideus h., e Musculus s ideus h.
4.—9. Musculi interni.
10. 11. Musculi rales.
12. 13. Musculi neuroti
14. 15. Musculi

16. 17. Musculi pectorales magni.
18. 19. Musculi recti abdominis h.
20. 21. Musculi transversi costarum.
22. 33. Musculi transversi abdominis h.
24. Musculus phrenicus h.
25. Musculus triangularis sterni h.

XIV.

Muscular insertions on scapula.

1. Musculus cucularis h.
2. 3. Musculi abductores longi.
4. Musculus pectoralis parvus.
5. Musculus supraspinatus h.
6. Musculus infraspinatus h.
7. Musculus teres minor h.
8. 9. 10. Musculi anconaei longi h.
11. Musculus extensor cubiti longus.
12. Musculus teres major h.
13. Musculus biceps brachii h.
14. Musculus rhomboideus major h.
15 Musculus levator scapulae h.
16. Musculus serratus anticus major h.
17. Musculus subscapularis h.
18. Musculus tensor ligamenti capsularis.
19. Musculus coracobrachialis h.

XV.

Muscular insertions on humerus.

1. 2. Musculi supraspinati h.
3. 4. Musculi infraspinati h.
5. Musculus teres minor h.
6. Musculus abductor longus.
7. Musculus anconaeus externus h.
8 9. Musculi brachiales interni h.
10. Musculus tensor ligamenti capsularis.
11. Musculus mastoidohumeralis.
12. Musculus sterno-humeralis.
13. 14. Musculi extensores metacarpi magni.
15. Musculus extensor pedis.
16. Musculus anconaeus parvus h.
17. Musculus flexor metacarpi externus.
18. Musculus subscapularis h.
19. Musculus pectoralis magnus
20. 21. Musculi coraco-brachiales h.
22. Musculus latissimus dorsi h., et
Musculus teres major h.
23. Musculus anconaeus internus h.
24. Musculus flexor metacarpi internus.
25. Musculus flexor metacarpi medius.
26. Musculus perforatus h., et
Musculus perforans h.

XVI.

Muscular insertions on antibrachium.

1. Musculus anconaeus longus h.
2. Musculus anconaeus externus h.
3. Musculus anconaeus parvus h.
4. 5. Musculi extensores pedis.
6. 7. Musculi extensores suffraginis.
8. Musculus extensor metacarpi obliquus.
9. Musculus anconaeus internus h.
10. Musculus extensor cubiti longus.
11. Musculus flexor metacarpi medius.
12. Musculus ulnaris accessorius.
13. Musculus biceps brachii h.
14. Musculus brachialis internus h.
15. Musculus radialis accessorius.
16. Musculus perforatus h.

XVII.

Muscular insertions on carpus and metacarpus.

1. Musculus extensor metacarpi magnus.
2 3. Musculus flexor metacarpi externus.
4. Musculus flexor metacarpi medius.
5. Musculus interosseus medius
6. Musculus interosseus internus.
7. Musculus inter ternus.
8. Musculus flexor internus.
9. Musculus exter carpi obliquu

XVIII.

Muscular insertic phalanges.

1. Musculus ex fraginis.
2. 3. 4. Musculi pedis.
5. 6. Musculi perf
7. Musculus pe

XIX.

Muscular insertic os innominatu

1. 2. 3. Musculi glut et pyramidal
4. Musculus tens latae h.
5. 6. Musculi glutae
7. 8. Musculi obliq abdominis h.
9. Musculus gluta nus.
10. 11. Musculi recti h.
12. Musculus tenui
13. Musculi gemini
14. Musculus bice h.
15. Musculus lo dorsi h.
16. Musculus quad borum h.
17. Musculus obliq nus abdomin
18. Musculus iliac nus h.
19. Musculus pyri

20. Musculus psoas parvus h.
21. Musculus obturator internus h.
22. Musculus ischio-cavernosus h.
23. Musculus rectus abdominis h.
24. Musculus pectineus.
25. Musculus adductor longus h.
26. Musculus adductor magnus.
27. Musculus obturator externus h.
28. Musculus quadratus femoris h.
29. Musculus semimembranosus h.
30. Musculus semitendinosus h.

XX.

Muscular insertions on os femoris.

1. 2. Musculi glutaei medii h.
3. Musculus pyramidalis h.
4. Musculus glutaeus internus.
5. Musculus glutaeus externus.
6. Musculus vastus externus h.
7. Musculus vastus internus h.
8. Musculus cruralis h.
9. Musculus tenuis femoris.
10. 11. Musculi gastrocnemii h.
12. Musculus perforatus h.
13. Musculus poplitaeus h.
14. Musculus tibialis anticus h., et
Musculus extensor pedis.
15. Musculus obturatorius internus h., et
Musculus pyriformis h.
16. *Musculi* gemini h.
17. Musculus obturator externus h.
18. Musculus quadratus femoris h.
19. Musculus psoas magnus h., et
Musculus iliacus internus h.
20. Musculus biceps femoris h.
21. Musculus pectineus.
22. Musculus adductor longus h.
23. Musculus adductor magnus.
24. Musculus adductor magnus, et
Musculus semimembranosus h.

XXI.

Muscular insertions on patella.

1. 2. Musculi recti femoris h.
3. Musculus biceps femoris h.
4. Musculus tensor fasciae latae h.
5. Musculus vastus externus h.
6. Musculus vastus internus h., et
Musculus cruralis h.

XXII.

Muscular insertions on tibia and fibula.

1. Musculus biceps femoris h.
2. Musculus peroneuste rtius.
3. Musculus peroneus longus.
4. Musculus soleus.
5. Musculus flexor digitorum pedis longus.
6. 7. Musculi perforati h.
8. Musculus poplitaeus h.

9. Musculus gracilis h.
10. Musculus semitendinosus h.

XXIII.

Muscular insertions on tarsus and metatarsus.

1. Musculi gastrocnemii h.
2 3. Musculi perforati h.
4.—8. Musculi tibiales antici.
9. 10. Musculi peronei tertii.
11. Musculus interosseus medius.
12. Musculus interosseus internus.
13. Musculus interosseus externus.

XXIV.

Muscular insertions on phalanges.

1. 2. Musculi interossei dii.
3. 4. 5. Musculi extensores dis.
6. 7. Musculi perforati h.
8. Musculus perforans

GROUP 149. CLASS 852.

ORDINARY NORMAL SCHOOLS.

PHOTOGRAPHS AND PLANS.

G	1	Photograph of school buildings and class-rooms.	8
„	2	ditto	2
„	3	ditto	4
„	4	Photograph of school buildings.	1 tablet
„	5	Plan of school-buildings and class-rooms.	9
„	6	Plan of school buildings.	1

WORK BY PUPILS.

„	7	*Examination* Papers.	13
G	8	Brush drawing.	
„	9	Pencil drawing.	
„	10	ditto	
„	11	Anatomical chart of Zoology and Botany.	12

SEWING BY PUPILS.

„	12	*Marukuke* (a kind of padded belt).	1
„	13	Model of *juban* (under-garment) for gentlemen.	1
„	14	Model of *naga*-juban (long un-	

DRAWING BY PUPILS.

	der-garment) for ladies.	1			(a kind of pantaloons). 1 pair
15	Model of *hitoye* (summer garment).	1	G	34	*Juban* (under-garment). 1
16	ditto	1	„	35	*Awase* (lined garment). 4
17	Model of *awase* (lined garment).	1	„	36	*Wataire* (padded garment). 2
18	ditto	1	„	37	*Haori* (coat). 2
19	ditto	1	„	38	*Hakama* (a kind of trousers). 2
20	Model of *wataire* (padded garment).	1	„	39	*Hakama* (a kind of trousers) for children. 1
21	Model of padded garments for gentlemen.	1 suit	„	40	*Obi* (belt) for gentlemen. 1
22	Model of padded garments for children.	1 „	„	41	ditto 1
			„	42	*Obi* (belt) for ladies. 1
23	Model of *haori-kappa* (a kind of water proof coat).	1	„	43	Model of *kosode* (padded silk garments) for children. 1 suit
24	Model of *haori* (coat).	1			
25	ditto	1	„	44	Model of ceremonial dress for boys. 1 „
26	Model of *hifu* (a kind of coat).	1			
27	Model of *hakama* (a kind of trousers).	1	„	45	ditto „
28	ditto	1	„	46	*Kosode* (padded silk garment) for boys. „
29	Model of *obi* (belt) for gentlemen.	1	„	47	*Tabi* (socks). 1
30	Model of *obi* (belt) for ladies.	1	„	48	ditto 1
31	Model of *tabi* (socks).	1	„	49	ditto 2
32	Model of *kyahan* (leggings).	1	„	50	ditto 1
33	*Model of momohiki*		„	51	Shirt. 1
			„	52	Trousers. 1
			„	53	*Yogi* (bed covering). 1
			„	54	ditto 1 set

		HANDIWORK BY PUPILS.	
G	55	Embroidery.	1
,,	56	Purse.	1
,,	57	ditto	1
,,	58	ditto	1
,,	59	*Yodarekake* (bib).	1
,,	60	ditto	1
,,	61	ditto	1
,,	62	*Zukin* (hood).	1
,,	63	ditto	1
,,	64	ditto	1
,,	65	*Fukusa* (cloth used for wrapping).	1
,,	66	*Oshiye* (raised fancy work).	1
,,	,,	ditto	1

		HANDIWORK BY PUPILS.	
,,	67	Spoon.	1
,,	68	Tea-ladle.	1
,,	69	Tooth-pick box.	1
,,	70	Stand for resting chop-sticks.	1
,,	71	Kettle-stand.	1
,,	72	Flower-vase stand.	1
,,	73	*Fudezutsu* (box for resting writing brushes).	1
,,	74	*Hai-fuki* (section of bamboo for putting tobacco-ashes in).	1
,,	75	*Chabon* (tea-tray).	1
,,	76	Letter holder.	1
,,	77	*Uo-aburi* (instrument for roasting fish).	1
,,	78	*Jōgo* (funnel).	1
G	79	*Goma-iri* (instrument for parching *Sesamum Orientale*).	1
,,	80	Water-pot used in school-room.	1
,,	81	*Hibashi* (tongs).	1
,,	82	*Hainarashi* (instrument for leveling the ashes).	1
,,	83	*Meshakushi* (a kind of ladle).	1
,,	84	Accompaniment to a *jōbako* (box for keeping letters when sent by a messenger).	1
,,	85	Accompaniment to a luncheon box.	1
,,	86	*Mitsumegiri* (triangular-shaped drill).	1
,,	87	Knife.	1
,,	88	*Jizaigotoku* (stand for boiling water in a kettle).	1
,,	89	*Fude-arai* (dish for washing writing brushes).	1
,,	90	Paper weight.	1
,,	91	*Okimono* (article placed on the raised part of the main room for ornamental purposes).	1
,,	92	*Inniku-ire* (box for keeping *inniku*,	

		ink for sealing and stamping).	2
G	93	Ruler for blackboard.	1
„	94	Luncheon box.	1
„	95	Lamp stand.	1
„	96	(Withdrawn).	
„	97	Frame for placing insects.	1
„	98	Dumb-bell.	1
„	99	Apparatus for testing the power of gravity.	1
„	100	Geometrical figure.	1
„	101	ditto	1
„	102	Test-tube stand.	1
„	103	ditto	1
„	104	Apparatus for testing the expansion, etc., of metals.	1
„	105	Apparatus for testing inertia.	1
„	106	Apparatus for testing the expansion, etc., of metals.	1
„	107	Spoon used in chemical experiments.	1
„	108	Alcohol lamp.	1
„	109	Letter holder.	1
„	110	Apparatus for the reflection of light.	1
„	111	Ladle.	1
„	112	Metallic horse for explaining the power of gravity.	1

TEXT BOOKS.

G	113	"Shinri-gaku" (Mental Science), by M. Sawayanagi and N. Honda.	1 vol.
„	114	"Joshi Kyōiku-gaku," (Science of Education), by N. Ariga.	2 vols.
„	115	"Nihon Kyōikushi," (History of Education in Japan), by S. Satō.	1 vol.
„	116	"Kyōiku Zenshi" (History of Education, Japan), by S. Sugiura.	6 vols.
„	117	"Gakkō Kanrihō" (School Management), by J. Mine and K. Ikoma.	1 vol.
„	118	"Shōgaku Zenka Kyōjuhō" (Mode of Teaching the Whole Elementary School Course), by G. Hayashi, T. Yamazaki, and I. Maekawa.	2 vols.
„	119–120	(Withdrawn).	
„	121	"Kokubungaku" (National Literature for Middle School Education), by K. Takatsu and M. Wada.	2 „
„	122–125	(Withdrawn).	
„	126	"Riron Ōyō Sansū-gaku" (Applied Mathematics), by Y. Noguchi.	2

G 127	"Daisūgaku Kyōkasho" (Algebra), by R. Fujisawa and K. Iijima	2 vols.
„ 128	"Shotō Rikagaku Kyōkasho" (Elementary Geometry), by Dr. Kikuchi.	1 vol.
„ 129	"Shōyō Bokihō" (Commercial Book-keeping), by H. Taketa.	1 „
„ 131	"Nihon Chiri" (Japanese Geography), by T. Mayebashi.	1 „
„ 132	"Bankoku Chiri" (Geography), by T. Mayebashi.	1 „
„ 133	"Chibungaku" (Physical Geography), by T. Fujitani.	2 vols.
„ 134	"Nihon Rekishi" (Japanese History), by T. Amano and T. Mayebashi.	1 vol.
„ 135	"Bankoku Rekishi" (Universal History), by T. Amano.	1 „
„ 136	"Shokubutsugaku Kyōkasho" (Botany), by M. Miyoshi.	2 vols.
G 137	Dōbutsugaku Kyōkasho" (Zoology), by C. Iijima.	2 v
„ 138	"Futsū Seirigaku Kyōkasho" (Physiology), by M. Katayama.	1
„ 139	"Futsū Shokubutsugaku Kyōkasho" (Botany), by M. Miyoshi.	1
„ 140	"Futsū Dōbutsugaku Kyōkasho" (Zoology), by K. Iijima.	1
„ 141	"Butsurigaku" (Physics), by T. Kiyono.	2 v
„ 142	"Kwagaku Kyōkasho" (Chemistry), by T. Takamatsu.	2
„ 143	"Shō Kwagakusho" (Elementary Chemistry), by K. Hisahara and G. Oda.	2
„ 144	"Nōgaku Tsūron" (Agriculture), by C. Ōuchi.	1
„ 145	"Kakei Bokihō" (Household Book-keeping), by the Office of the "Keizai Zasshi."	2

146 "Kakei Bokihō Reidai" (Problems of Household Book-keeping), by the Office of the "Keizai Zasshi." 1 vol.

147 "Kaji Keizairon" (Household Economy), by H. Fujita. 2 vols.

148 "Futsū Saihō Kyōjusho" (Elementary Sewing), by T. Watanabe. 3 „

149 (Withdrawn).

150 "Yōchien Shōkwashū" (Kindergarten Songs), by the Department of Education. 1 vol.

151 "Futsū Taisōhō" (Common Gymnastics), by the Department of Education. 1 „

152 "Hohei Sōten" (Infantry Drill), by the Military Department. 4 vols.

153 Catalogue of Textbooks. 1

154–165 (Withdrawn).

APPARATUS OF TEACHING IN THE HANDIWORK COURSE.

166 Drawing of apparatus for teaching handiwork.

G 167–189 (Withdrawn). 1

„ 190 Drawing of apparatus for teaching handiwork. 1

„ 191 ditto. 1

„ 192–226 (Withdrawn). 1

„ 227 Drawing of apparatus for teaching handiwork. 1

„ 228–248 (Withdrawn). 1

„ 249 Drawing of apparatus for teaching handiwork. 1

„ 250 (Withdrawn). 1

„ 251 Drawing of apparatus for teaching handiwork. 1

„ 252–253 (Withdrawn). 1

GARMENTS, CAPS, ECT., FOR PUPILS' USE.

„ 254 Cap. 1

„ 255 Coat. 1

„ 256 Winter garment. 1 suit

„ 257 Summer garment. 1 „

„ 258 Winter under-garment. 1 „

„ 259 Summer under-garment. 1 „

„ 260 Shoes. 1

„ 261 Stockings. 1

„ 262 Cap. 1

„ 263 *Bōshiōi* (cloth covering for cap). 1

G 264	Winter garment.	1 suit
„ 265	Summer garment.	1 „
„ 266	Coat.	1
„ 267	Winter under-garment.	1 suit
„ 268	Summer under-garment.	1 „
„ 269	*Kyahan* (leggings).	1
„ 270	Stockings.	1
„ 271	Shoes.	1

PLANS, PHOTOGRAPHS, ETC., OF SCHOOL BUILDINGS.

„ 272	Map showing the sites of schools in the Prefecture of Akita.	1
„ 273	Photograph of school buildings.	3
„ 274	ditto	2
„ 275	ditto	1
„ 276	ditto	8
„ 277	ditto	1
„ 278	ditto	1
„ 279	ditto	2
„ 280	ditto	6
„ 281	ditto	4
„ 282	ditto	3
„ 283	ditto	3
„ 284	Plan of school building.	1
„ „	ditto	2

DRAWING BY PUPILS.

„ 285	Pencil Drawing.	2 vols.
„ 286	ditto	2 „
„ *287*	*ditto*	1 vol.
„ *288*	*ditto*	1 „
G 289	Pencil Drawing.	2 v
„ 290	ditto	2
„ 291	ditto	1

MANUAL WORK BY PUPI

„ 292	Box for visiting cards.	
„ 293	Lamp stand.	
„ 294	Lantern.	
„ 295	Box for putting tea in.	
„ 296	*Hibashi* (a kind of tongs).	
„ 297	ditto	
„ 298	*Santoku* (three-legged iron stand used when boiling tea in a kettle).	
„ 299	*Tetsuka* (a kind of iron stand used for boiling tea in a kettle).	
„ 300	Knife.	
„ 301	Paper weight.	
„ 302	Hat-rack.	
„ 303	Rack for European garments.	
„ 304	*Kusari* (chain).	
„ 305	Candlestick.	
„ 306	*Marusaji* (round spoon).	
„ 307	*Ana-saji* (spoon with hole).	
„ 308	Shell.	
„ 309	*Kurumi* (walnut).	
„ 310	*Semi* (cicada).	
„ 311	Kani (crab).	

G	312	Octangular piece of wood.	1		cut both vertically and horizontally. 3
„	313	Straight ruler.	I	G 330	Looking-glass frame. 1
„	314	Wood for engraving.	1 1	„ 331	*Tabako-bon* (box in which smoking utensils are kept). 3
„	315	*Chiyegi* (toy).	1		
„	316	*Jōbako* (letter box).	I		
„	317	Box for cigarettes.	1	„ 332	*Bon* (round tray). 3
„	318	*Tabako-bon* (box in which smoking utensils are kept).	1	„ 333	*Suzuri-bako* (box in which writing utensils are kept). 3
„	319	*Hon-basami* (book holder).	1	„ 334	*Fudetate* (box for writing brushes). 3
„	320	Triangular ruler.	1	„ 335	*Kake-hanaike* (hanging flower-vase). 1
„	321	*Tsunagi-kuchikata* (a piece of jointed wood).	1	„ 336	*Cha-hishaku* (tea-ladle). 1
„	322	*Ori-tehon-ōi* (copy-book holder).	1	„ 337	Looking-glass. 1
„	323	*Inniku-ire* (box for holding *inniku*, ink for sealing and stamping).	1	„ 338	Clay-work. 4
				„ 339	ditto. 4
				„ 340	*Mizu-ire* (water-pot). 1
				„ 341	Box for soap. 1
				„ 342	*Cha-zutsu* (tea-box). 1
				„ 343	A small lamp. 1
„	324	*Suzuri-bako* (box in which writing utensils are kept).	1	„ 344	*Suzuri-bako* (box in which writing utensils are kept). 3
„	325	*Sumioki-dai* (stand for putting Indian-ink on).	1	„ 345	Tablet frame. 3
				„ 346	Retort stand. 3
				„ 347	Air-gun. 1
„	326	*Cha-bon* (tea-tray).	1	„ 348	*Tombo* (dragon-fly). 1
„	327	*Suzuri-dai* (stand for ink-stone).	1	„ 349	Instrument for testting the power of velocity. 1
„	328	*Kumoita* (a kind of tablet frame).	1	„ 350	Apparatus for holding tubes used in chemical experiments.
„	329	A piece of wood in which lines are			

G 351	Apparatus for testing inertia.	1
„ 352	Apparatus for testing elasticity.	1
„ 353	Right-angled triangle.	1
„ 354	Pentagon.	1
„ 355	Parallelogram.	1
„ 356	Cube.	1
„ 357	Square column.	1
„ 358	Conic section.	1
„ 359	Round column.	1
„ 360	Kindergarten gifts.	4
„ 361	Letter-holder.	1
„ 362	Box for *jiku* (a pair of sticks on which a picture is rolled).	1
„ 363	Box for keeping seals and stamps.	1
„ 364	Kettle stand.	1
„ 365	*Makura* (pillow).	1
„ 366	Apparatus for the analysis of water.	1
„ 367–368	(Withdrawn).	1
„ 369	*Tabako-bon* (box in which smoking utensils are kept).	3
„ 370	Letter holder.	1
„ 371	Tobacco box.	2
„ 372	Model of joinery.	2
„ 373	(Withdrawn).	
„ 374	*Fudetate* (box for resting writing brushes).	1
„ *375*	*Candlestick.*	1
„ *376*	*Apparatus for easy experiments in physics.*	
G 377–379	(Withdrawn).	
„ 380	Ladle.	
„ 381–382	(Withdrawn).	
„ 383	Plane wood.	
„ 384	Ruler.	
„ 385	Geometrical figure.	
„ 386	ditto	
„ 387	ditto	
„ 388	ditto	
„ 389	ditto	
„ 390	Model of box showing joinery.	
„ 391	Box for keeping paper, etc.	
„ 392	Ampère's apparatus.	
„ 393–397	(Withdrawn).	
„ 398	Gate card.	
„ 399	*Hagoita* (battledoor).	
„ 400	Ruler.	
„ 401	Wood joinery.	
„ 402	Small box.	
„ 403	Luncheon box.	
„ 404	Wood joinery.	
„ 405	*Tabako-bon* (box in which smoking utensils are kept).	
„ 406	*Manaita* (board for cutting and cleansing culinary materials).	
„ 407	Tablet frame.	
„ 408–409	(Withdrawn).	

G 410–413	(Withdrawn).	
„ 414	*Kakefuda* (a tablet hung at the gate).	4
„ 415	*Shokubutsuyen hyō-satsu* (a tablet hung at the gate of a botanic garden).	4
„ 416	*Naruko* (a kind of scarecrow which makes a noise).	1
„ 417	Board for making paste on, with a spatula.	1
„ 418	Ruler.	1
„ 419	Box for putting in various kinds of clothes, used by young ladies.	1
„ 420	*Tsukegi-ire* (a kind of match holder).	1
„ 421	Box for keeping rice-bran.	1
„ 422	Box in which *katsuo-bushi* (the flesh of the bonito dried and smoked) is to be sliced.	2
„ 423	Box for keeping matches in.	1
„ 424	Stand for resting tubes used in chemical experiments.	1
„ 425	Kindergarten gifts.	2
„ 426	ditto	1
„ 427	*ditto*	1
G 428	Test tube stand.	1
„ 429	Box for keeping *tōfu* (a kind of bean-curd).	1
„ 430	Needle holder.	1
„ 431	*Suzuri-bako* (box in which writing utensils are kept) for pupils.	1
„ 432	*Suzuri-bako* for home use by the family.	1
„ 433	*Tabako-bon* (box in which smoking utensils are kept).	1
„ 434	Luncheon box.	1
„ 435	*Tabako-bon* (box in which smoking utensils are kept).	
„ 436	Stand in the shape of a ship for sharpening pencils.	1
„ 437	Apparatus for calculation of fractional numbers.	1
„ 438	Kitchen utensils.	15
„ 439	Household furniture.	12
„ 440	Writing utensils.	7
„ 441	Toys.	20
„ 442	Geometrical figure.	35
„ 443	Cube.	14
„ 444	*Manaita* (board for cutting and cleansing culinary materials).	1
„ 445	Wooden hammer.	1
„ 446	Box for sharpening pencils.	1

G	447	*Suzuri-bako* (box in which writing utensils are kept).		G	469	Geometrical figures.
„	448	*Tabako-bon* (box in which smoking utensils are kept).	1	„	470	Revolving reflection mirror.
„	449	Box for keeping paper in.	1	„	471	Electroscope.
„	450	Small box with lid.	1	„	472	(Withdrawn).
„	451	Box with lid for keeping white and black pencils.	1	„	473	Battery.
„	452	Ruler.	2	„	474	Tablet frame.
„	453	Apparatus for testing the power of gravity.	1	„	475	Box for collecting insects.
„	454	Tray.	1	„	476	Ruler.
„	455	*Hai-fuki* (section of bamboo for putting in tobacco ashes).	1	„	477	ditto
„	456	Cup.	1	„	478	ditto
„	457	Tea box.	1	„	479	ditto
„	458	Saucer.	1	„	480	Capstan.
„	459	Metal cup.	1	„	481	Inclined tower.
„	460	Paper weight.	1	„	482	Ruler.
„	461–462	(Withdrawn).		„	483	Pendulum.
„	463	Angular column.	2	„	484	Inclined plane.
„	464	Box for sharpening pencils.	1	„	485	Level.
„	465	*Suzuri-bako* (box in which writing utensils are kept).	1	„	486	Apparatus for testing the power of gravity.
„	466	*Shichishoku-koma* (top).	1	„	487	Apparatus for testing central gravity.
„	467	Ruler.	2	„	488–492	(Withdrawn).
„	468	*Konrintsugi* (wood joinery.	1	„	493	Wood joinery.
				„	494	ditto
				„	495	ditto
				„	496	ditto
				„	497	ditto
				„	498	ditto
				„	499	*Tabako-bon* (box in which smoking utensils are kept).
				„	500	*Hagoita* (battle-door).
				„	501	(Withdrawn).

502	*Kukedai* (instrument for sewing).	1
503	*Suzuri-bako* (box in which writing utensils are kept).	
504	Compass.	1
505–510	(Withdrawn).	
511	Skewer.	1
512	Chopsticks.	1
513	Needle for making nets.	1
514	Indian-ink holder.	1
515	Water pot.	1
516	Spoon.	1
517	Thread spool.	1
518	*Hainarashi* (instrument for leveling ashes).	1
519	Board for making paste on.	1
520	Kettle lid.	1
521	*Suzuri-bako* (box in which writing utensils are kept).	
522	Stand for resting flower-vase.	1
523	*Chiritori* (a kind of dust pan).	1
524	*Tabako-bon* (box in which smoking utensils are kept).	1
525	Wooden hammer.	1
526	Board on which drawing is done.	1
527	Test-tube stand.	1
528	Tablet frame.	1
529	*Lamp stand.*	1
G 530	(Withdrawn).	1
„ 531	Ladle.	1
„ 532	Lamp stand.	1
„ 533	Hexagonal box.	1
„ 534	Hexagonal jar.	1
„ 535	Letter holder.	1
„ 536	Photograph holder.	1
„ 537	Ruler.	1
„ 538	Apparatus for easy experiments in physics.	6
„ 539–545	(Withdrawn).	
	WORK BY TEACHERS.	
„ 546	Wood for engraving.	
„ 547	ditto	1
„ 548	Piece of wood on which lines are cut.	1
„ 549	ditto	1
„ 550	ditto	1
„ 551	ditto	1
„ 552	Wood joinery.	1
„ 553	ditto	1
„ 554	Piece of wood in which several holes are cut.	1
„ 555	Small box.	1
„ 556	Box.	1
„ 557	*Tabako-bon* (box in which smoking utensils are kept).	1
„ 558	Test tube stand.	
„ 459	Small box.	1
„ 560	Tray.	1
„ 561	*Suzuri-bako* (box in which writing utensils are kept).	1

G 562	*Tabako-bon* (box in which smoking utensils are kept).	1
„ 563	Box with glass lid.	1
„ 564	*Suzuri-bako* (box in which writing utensils are kept) with drawers.	1
„ 565	Geometrical figure.	1
„ 566	ditto	1
„ 567	ditto	1
„ 568	Wood joinery.	1
„ 569	ditto	1
„ 570	ditto	1
„ 571	ditto	1
„ 572	Paper string work.	1
„ 573	ditto	1
„ 574	ditto	1
„ 575	ditto	1
„ 576	ditto	1
„ 577	ditto	1
„ 578	Ditto (hand basket).	1
G 579	Ditto (carpet).	
„ 580	Ditto (luncheon box).	
„ 581	Ditto (a kind of cap).	
„ 582	Ditto (luncheon box.)	

WORK BY PUPILS.

„ 583	Raw silk.	1
„ 584	Silkworm's cocoon.	
„ 585	*Kusawata* (raw cotton).	
„ 586	*Ai* (indigo).	
„ 587	Wheat.	
„ 588	Silkworm's cocoon.	
„ 589	Silkworm.	

CALENDAR.

„ 590	Calendar of Ordinary Normal School.	

CROUP 149. CLASS 852.

THE HIGHER NORMAL SCHOOL.

G 591	Models of woodwork in the Handiwork Course.	42 cases.
„ 592	Drawings of specimens of woodwork in the Handiwork Course.	
G 593	Tools and apparatus for woodwork in the Handiwork Course.	

ELEMENTARY SCHOOL ATTACHED TO THE HIGHER NORMAL SCHOOL.

G 594	School regulations.	1
„ 595	Detailed items relating to teaching in the Elementary School Course.	1
„ 596	Subjects of study in the Middle School Course.	1
„ 597	Subjects of study in the Course of Drawing.	1
„ 598	Items showing by practical examples the standard of instruction of Drawing in the Elementary School attached to the Normal School.	1
„ 599	Items showing by practical examples the standard of instruction of Drawing in the Middle School Course.	27
„ 600	Drawing by pupils in the Elementary School Course.	47
„ 601	Drawing by pupils in the Middle School Course.	35
„ 602	Instruments for drawing.	1 set.
G 603	Photograph.	1
„ 604	Botanical models.	2 sets
„ 605	Explanation to the above.	1

SINGLE-CLASSED SCHOOL ATTACHED TO THE HIGHER NORMAL SCHOOL.

„ 606	Report.	1
„ 607	Photograph.	1
„ 608	Sewing by pupils.	2 sets

TOKYO EDUCATIONAL MUSEUM ATTACHED TO THE HIGHER NORMAL SCHOOL.

„ 609	Photograph of the museum.	1
„ 610	Toys.	14 kinds
„ 611	Charts of morals for Elementary Course with five explanatory notes.	55
„ 612	Chart of morals for Elementary School Course. ditto	1 vol.
„ 613		
„ 614	Zoological specimens.	19 kinds
„ 615	Botanical specimens.	109 „
„ 616	Specimens of Japanese timber trees.	50 „
„ 617	Mineralogical specimens.	100 „
„ 618	Models of vegetables and fruits.	52
„ 619	Specimens showing the processes	

	of silk-worm rearing.	1 case	G 621	object lessons.	1 c
G 620	Specimens of various objects for			Magic lantern slides.	1

GROUP 149. CLASS 851.

HIGHER FEMALE NORMAL SCHOOL.

G 622	Calendar.	1		case in pupil's studio.	
„ 623	Table showing the organization of the school.	1	„ 633	Model of pupil's desk in the biological class room.	
„ 624	Statistical table.				
„ 625	Plan of the school buildings.	1	„ „	Model of pupil's desk in the class room for drawing.	
„ 626	Photograph of the school buildings.	1			
„ 627	School regulations.	1	„ „	Model of pupil's desk in the class room for writing.	
„ 628	Directions for pupil.	1			
„ 629	Blank paper.	1 vol.			
„ 630	Model of teacher's desk in class room.	1	„ „	Model of pupil's chair in the class rooms for writing, drawing and biology.	
„ 631	Model of pupil's desk and chair in class room.	1	„ „	Model of desk in the class room for sewing.	
„ 632	Model of pupil's desk in studio.	2			
„ „	Model of a shelf to be placed on pupil's desk in *studio.*	1	„ „	Model of pupil's desk in the class room for singing.	
„ „	*Model of a book-*		„ 634	Apparatus for sewing.	2 c

G	635	Apparatus for exercise.	1 case
		WORK BY PUPILS.	
„	636	Map.	
„	637	Goemetrical figure.	1 case
„	638	*Hakama* (a kind of trousers).	1
„	639	*Haori* (coat).	1
„	640	*Shitotsumi* (garment for children).	1
„	641	*Sodenashi-haori* (coat without sleeves).	1
„	642	*Yukata* (summer garment).	1
	643	Drawing.	1 vol.
	644	Ditto (tablet).	1
		HIGHER FEMALE SCHOOL ATTACHED TO THE HIGHER FEMALE NORMAL SCHOOL.	
„	645	Regulations of the school.	1
	646	Blank paper.	1 vol.
	647	Model of pupil's desk and chair in class room.	1
		WORK BY PUPILS.	
	648	Drawing.	1
	649	Ditto (in tablet).	5
	650	*Hifu* (a kind of coat).	1
	651	*Hanyeri* (a kind of collar for ladies).	1
	652	ditto	1
	653	*Hondachi-wataire* (padded garment).	1
G	654	*Hanyeri* (a kind of collar) for ladies.	1
„	655	*Juban* (under-garment).	1
„	656	*Hitoye* (summer garment).	1
„	657	Hand bag.	1
		GROUP 149. CLASS 842.	
		ELEMENTARY SCHOOL ATTACHED TO THE HIGHER FEMALE NORMAL SCHOOL.	
„	658	Regulations of the school.	1
„	659	Blank paper.	1
„	660	Model of desk and chair in class room for pupils in the higher course.	1
„	661	Model of desk and chair in class room for pupils in the ordinary course.	1
„	662	Specimens showing the processes of silk-worm rearing for object teaching.	1 case
„	663	Specimens showing the processes of making *fude* (writing brushes), for object teaching.	„
„	664	Specimens showing the processes of	„

	making *sumi* (Indian-ink), for object teaching.		
„	665	Specimens showing the processes of making paper, for object teaching.	
„	666	Chart showing the processes of making paper, for object teaching.	2
„	667	Chart showing the processes of making earthenware, for object teaching.	1
„	668	Chart showing the processes of making lacquerware, for object teaching.	1
„	669	Chart for showing the processes of making earthenware, for object teaching.	2
„	670	Chart for showing the processes of making lacquer, for object teaching.	2
„	671	Specimen showing the processes of producing rice, for object teaching.	1 case.
„	*672*	*Specimens showing the processes*	
		of making tea, for object teaching.	
„	673	Chart showing the processes of producing rice, for object teaching.	
„	674	Chart showing the processes of making tea, for object teaching.	
		DRAWING BY PUPILS.	
„	675	Drawing.	2 v
„	676	ditto.	
		SEWING BY PUPILS.	
„	677	Elementary sewing.	
„	678	*Kinchaku* (purse).	
„	679	*Yodarekoke* (bib).	
„	680	*Daikoku-zukin* (a kind of hood).	
„	681	*Juban* (under-garment).	
„	682	*Shitotsumi-hitoye* (summer garment for children).	
„	683	*Mitsumi-awase* (lined garment for children).	
„	684	*Yotsumi-hitoye* (summer garment for children).	
„	685	*Hondachi-awase* (lined garment for gentlemen).	
,	686	Hondachi-wataire	

	(padded garment for ladies).	1	G 693	(a kind of hemp).	1
G 687	Bead-work.	3	„ 694	Straw work.	2
„ 688	Embroidery.	10	„ 695	Pasting.	2
„ 689	Paper cutting.	3		*Hari-tatō* (a piece of folded paper in which needles are kept).	1
„ 690	Hand ball.	3			
„ 691	Paper folding.	5			
„ 692	Box for keeping *o*				

GROUP 149. CLASS 841.

KINDERGARTEN ATTACHED TO THE HIGHER FEMALE NORMAL SCHOOL.

G 696	Photograph of the kindergarten buildings (tablet).	1	G 699	Blank paper.	1
			„ 700	Model of infant's desk and chair.	1
„ 697	Regulations of the Kindergarten.	1	„ 701	Kindergarten songs.	1
„ 698	Table showing the distribution of the weekly hours of training for each group of infants.	1	„ 702	Materials for the Kindergarten gifts.	1 case
			„ 703	Toys.	2 cases
			„ 704	Specimens of work done by infants.	2
			„ 705	ditto	3 vols.

CROUP 149. CLASS 852.

HIGHER COMMERCIAL SCHOOL.

1	Schedule of studies.	3		school properties,	
2	*Table showing*			expenditures, etc.	1

H	3	Collection of forms and ducuments used in the Domestic Practical Department.	1
„	4	Ledger.	1
„	5	Journal.	1
„	6	Cash Book.	1
„	7	History and regulations of the Higher Commercial School.	30
„	8	Plan of the Higher Commercial School.	1
„	9	Photograph (museum).	1
„	10	Ditto (lecture room).	1
„	11	Ditto (reading room).	
„	12	Ditto (Practical Department).	1
„	13	Ditto (class room).	1
„	14	Photograph (drill ground).	1
„	15	Ditto (boat races).	1
„	16	Collection of forms and documents used in the Foreign Practical Department.	1
H	17	General Ledger.	
„	18	Journal.	
„	19	Deposit Ledger.	
„	20	Stock Ledger.	
„	21	Collection Register.	
„	22	Discount Register.	
„	23	Passed Collection.	
„	24	Foreign Tickler.	
„	25	Dividend Book.	
„	26	Offering Book.	
„	27	Marine Policy Register (Vessels).	
„	28	Ditto (Merchandise).	
„	29	Fire Policy Register.	
„	30	Insurance Cash Book.	
„	31	Passenger's List.	
„	32	Freight List.	
„	33	Custom House Merchandise Register (Import).	
„	34	Ditto (Export).	
„	35	Custom House Vessel's Register.	
„	36	Custom House Cash Book.	
„	37	Auction Sales Book.	
„	38	Domestic Tickler.	
„	39–76	(Withdrawn).	

GROUP 149. CLASS 852.

COMMERCIAL SCHOOLS.

77	Papers for practical business purposes.	1	H 86	Documents relating to the sale of fancy goods.	1
78	Various documents in Japanese and European styles.	8	„ 87	Calendar of the Kōbe Commercial School.	1
79	Pictures of merchandise.	1	„ 88	Forms and documents used in the Practical Department.	6
80	Drawing of Practical Department.	1	„ 89	Wholesale dry-goods business.	1
81	Plan of school buildings.	1	„ 90	Brief description of the Akamagaseki Commercial School.	1
82	Plan of Practical Department.	1	„ 91	Book relating to the Export of Japanese Tea to the United States of America.	1
83	Various documents used in banks.	6			
84	Gentleman's furnishing business.	1			
85	Documents relating to retail business.	1			

GROUP 149. CLASS 852.

TŌKYŌ TECHNICAL SCHOOL.

		DYENG AND WEAVING COURSE.	
I	1	Photograph of the school.	2
„	2	Cloth for curtain.	2
„	3	Handkerchief.	12
„	4	Cloth for umbrella.	2
„	5	Specimens showing various kinds of woven cloth.	2 vols.
„	6	Specimens showing various kinds of printed cloth.	2 „
		EARTHENWARE COURSE.	
„	7	*Ōsara* (plate).	3
„	8	(Withdrawn).	
„	9	Water-pot.	1
„	10	*Kōro* (censer for burning incense).	1
„	11	*Chūsara* (plate).	4
„	12	Flower-vase.	2
„	13	(Withdrawn).	
„	14	(Withdrawn).	
„	15	Large basin.	1
„	16	(Withdrawn).	
„	17	Flower-vase.	1
„	18	*Kōro* (censer for burning insense).	1
„	19	Ornamental article.	1
		COURSE OF APPLIED CHEMISTRY.	
„	20	*Iodine.*	2 kilos.
„	21	Potassic Iodine.	1 kilo.
„	22	Purified Rape Oil.	1 „
„	23	Ultramarine Blue.	1 „
„	24	Fish Gelatine.	1 „
„	25	Copper.	2
		COURSE OF MECHANICS.	
„	26	Drawing (wood turning lathe).	1
„	27	Ditto (slotting machine).	2
„	28	Drawing (portable engine).	3
„	29	Ditto (turbine).	1
„	30	Ditto (Jackard machine).	1
		SPECIMENS OF WOOD WORK IN THE MECHANICAL COURSE.	
„	31	Joints.	14
„	32	Handles.	3
„	33	Wooden tray.	1
„	34	Table.	1
„	35	Pulleys.	1 set.
„	36	Worm and worm-wheels.	1 „
„	37	Spur wheels.	1 „
„	38	Bevel wheels.	1 „
„	39	Plumber block.	1 „
„	40	Cock.	1 „
„	41	Valve.	1 „
„	42	Piston.	1 „

43	Air hole grates.	3 sets.	I	63	Air chamber.	1
			„	64	Model of boiler.	1
	CAST-WORK IN THE MECHANICAL COURSE.		„	65	Cap of newel.	2
			„	66	Flower-vase.	1
44	Air hole grates.	3 sets.	„	67	Serileer blocks.	2
45	Gun-metal chain.	1 „	„	68	Straight edge and square.	2
46	Pulley.	1 „				
47	Worm and worm-wheel.	1 „	„	69	Calipers.	2
			„	70	Gauges.	1 set.
48	Spur wheels.	1 „	„	71	Ball valve.	1
49	Bevel wheels.	1 „	„	72	Surface plate.	1
50	Japanese tea-pot.	1	„	73	Injector.	1
51	Flower-vase.	2	„	74	Model of link motion.	1
	SMITHY IN THE MECHANIC COURSE.		„	75	Model of Houldworth's differential motion.	1
52	Chisel (Japanese form).	9				
53	Hammers.	4	„	76	*Zaguri* (hand winder).	1
54	Bolts and nuts.	3 sets.				
55	Crank shaft.	1	„	77	Model of winder.	1
56	Spanner.	3	„	78	Model of re-winder.	1
57	Spring.	3			**DRAWING.**	
58	Japanese sword.	2				
59	Rivetted joint.	15	„	79	Instrumental drawing.	10
60	Boiler tube fittings.	1	„	80	Mechanical drawing.	16
	COPPER WORK IN THE MECHANIC COURSE.		„	81	Designs for dyeing, weaving, and pottery.	16
61	Lead pipe joints.	3				
62	Copper spiral pipe.	1	„	82	(Withdrawn).	

APPRENTICE'S SCHOOL ATTACHED TO THE TŌKYŌ TECHNICAL SCHOOL.

		WOOD-WORK COURSE.	
I	83	Knob.	2
„	84	Tray for cakes.	2
„	85	Tobacco box.	1
„	86	Ball.	1
„	87	Ring.	1
„	88	Tea-cup stand.	2
„	89	Tea-tray.	2
„	90	Box in which smoking utensils are kept.	1
„	91	ditto	1
„	92	*Kibana* (wooden supporter).	1
„	93	Specimens of *ramma-sukashi* (open ornamental work over the screens which form the partitions between the rooms of a house).	2
„	94	Specimens showing various kinds of wood joints.	12
„	95	Specimens of wooden joints.	1
„	96	Specimens of *karato* (door in Chinese style).	1
„	97	Specimen of *shōji* (*sliding* screen).	1

		METAL-WORK COURSE.	
I	98	Round stand.	2
„	99	Fire-shovel.	1
„	100	Pulley.	2
„	101	Pan.	2
„	102	Instrument for leveling ashes.	1
		ditto	1
„	103		
„	104	*Amishakushi* (a kind of net-work ladle).	1
„	105	Ladle.	1
„	106	Tea-cup stand.	1
„	107	Indian-ink stand.	1
„	108	Latch.	1
„	109	Handle.	2
„	110	Hinges.	2 sets.
„	111	Cup for rinsing the mouth.	1
„	112	Bent nails.	2
„	113	*Kasugai* (a kind of of clamps).	1
„	114	Ring.	1
„	115	Chain.	1
„	116	Tongs.	2
„	117	Ruler.	1
„	118	Calipers.	1
„	119	*Rasen* (screw).	1
„	120	*Merasen* (a kind of screw).	1
„	121	Screw driver.	1
„	122	Tongs.	1
„	123	Nail extractors.	1

I	124	Specimens of surface plate.	2	I	137	Calipers.	2
,	125	Tongs.	1 set.	„	138	Hand drill.	1
,	126	Hinges.	1 „	„	139	Brace.	1
,	127	Handles.	2 sets.	„	140	Cocks.	2
,	128	Lock.	2	„	141	Capstan.	1
,	129	Tea-kettle.	1	„	142	*Chōzubachi* (basin of water for washing the hands kept near the privy).	1
,	130	Iron-kettle.	1				
,	131	Hook.	1				
,	132	Hammer.	1	„	143	Easy printing machine.	1
,	133	Broad-axe.	1				
,	134	Chisels.	2	„	„	Drawing.	4
,	135	Ruler.	1	„	144	Bell-tower.	1
,	136	ditto	1				

GROUP 149. CLASS 852.

TECHNICAL SCHOOL IN THE PREFECTURE OF ISHIKAWA.

	145	Drawing (in folding screens).	4	I	151	Ornamental article.	1
,	146	Clay works (tablet).	1	„	152	Photograph holder.	1
,	147	A kind of ornamental article.	1	„	153	Tray.	1
				„	154	ditto	1
,	148	Tame Goose.	1	„	155	ditto	1
,	149	Small ornamental article.	1	„	156	ditto	1
				„	157	*Nikuchi* (small box for keeping ink used for sealing and stamping).	1
,	150	*Saru-mawashi* (one who leads a monkey about to show his tricks for a livelihood).	1	„	158	ditto	1
				„	159	Tray.	1
				„	160	Cigarette box.	1

I	161	Engraving.	1
„	162	ditto	1
„	163	Flower-vase.	2
„	164	ditto	2
„	165	Plate.	1
„	166	Coffee plates and cups.	1 set.
„	167*a*	A pair of basins.	1 „
„	167*b*	A square shaped plate.	1
„	168	Plates for cakes.	2
„	169	*Kwannon* (a Buddhist deity).	1
„	170	Plate.	1
„	171	ditto	1
„	172	Censer for burning incense.	1
„	173	Flower-vases.	2
„	174	Candle-sticks.	2
„	175	Embroidered cloth.	1
„	176	ditto	1
„	177	(Withdrawn).	
„	178	Embroidered cloth.	
„	179	ditto	1
„	180	ditto	1
„	181	ditto	1
„	182	Tray.	1
„	183	ditto	5
„	184	Specimen showing the art of gold lacquering.	1
„	185	Tobacco box on a tray.	1 set.
„	186	ditto	1 „
„	187	Tray.	1
„	188	ditto	1
„	189	ditto	1
„	190	ditto	1
I	191	Tray.	1
„	192	Cigarette box.	1
„	193	Tray.	5
„	194	ditto	5
„	195	ditto	4
„	196	ditto	1
„	197	ditto	1
„	198	Tray for censer.	1
„	199	(Withdrawn).	
„	200	ditto	
„	201	Specimens showing various kinds of cotton thread dyeing.	4
„	202	Specimens showing various kinds of woolen thread dyeing.	4
„	203	Specimens showing various kinds of cotton cloth dyeing.	1
„	204	Specimens showing various kinds of woolen cloth dyeing.	1
„	205	Calico.	1
„	206	Specimens showing various kinds of silk stuff dyeing.	1
„	207	Specimens showing various kinds of silk thread dyeing.	1
„	208	Specimens showing various kinds of cotton thread dyeing.	2

,	209	Tray for cakes.	2			cakes on.	1
,	210	ditto	2	I	214	Stand for putting cakes on.	1
,	211	Specimens showing various kinds of paper lacquering.	1	„	215	Small cigarette box.	1
[	212	Tray.	1	„	216	ditto	1
,	213	Stand for putting		„	217	Stand for placing flowers on.	1

GROUP 149. CLASS 852.

TŌKYŌ FINE ART SCHOOL.

		DRAWING COURSE.		J	10	Falcon, after Chokuan.	1
	1	Vimakitta, after Ririomin.	1	„	11	Carps, after Toko.	1
	2	Apes, after Sosen.	1	„	12	Bird and Flowers, after Sesson.	1
	3	Dragon, after Gekkwan.	1	„	13	Arhat, after Ririomin.	1
	4	Landscape, after Sessiu.	1	„	14	A Scene from the Roll of Bandainagon, after Mitsunaga.	1
	5	A Scene from the "Kasuga-Genki." (a roll illustrating the foundation of Kasuga Temple).	1	„	15	Maples, after Koho.	1
	6	Landscape, after Shinbun.		„	16	Jizō, after an early Kose master.	1
	7	Figures under a Pine-tree, after Masanobu.	1	„	17	A Scene from the Roll of Saigyō, after Sukeyasu.	1
	8	Tiger, after Mokkei.	1	„	18	*Wisterias*, after Koho.	1
	9	Tekkai-sennin, after Ganki.	1	„	19	A Cock, from nature.	1

J	20	*Serranus Marginalis* and *Aji*, (name of a fish).	1
„	21	ditto	1
„	22	Wild Ducks.	1
„	23	Lobster with Shell-fish.	1
„	24	ditto	1
„	25	Design for a chiseled incense burner and a cloisoné flower-vase.	1
„	26	Design for a lacquered cabinet.	1
„	27	Warrior playing the *Biwa* at the Temple of Chikubushima.	1
„	28	New Year's Sport.	1
„	29	Goddess Benten.	1
„	30	Landscape with Water-fall.	1
„	31	A Summer Landscape.	1
„	32	Autumnal Festival in the 17th Century.	1
„	33	Summer Landscape.	1
„	34	Horned Owl.	1
„	35	Sparrows.	1
„	36	Summer Landscape.	1
„	37	Snipe.	1
„	38	Cherries with Pheasant.	1
		ENGRAVING COURSE.	
„	39	Models from Simple Engraving to Relief Engraving.	36
J	40	Models from Relief Engraving to Simple Relief.	30
„	41	Flowers, Birds and Animals in Low Relief.	24
„	42	Animals and Figures in Low Relief.	11
„	43	Models from Simple Engraving to Relief Engraving.	60
„	44	Models from Relief Engraving to Simple Relief.	48
„	45	Flowers, Birds, and Animals, in Low Relief.	48
„	46	Figures and Animals in Low Relief.	9
„	47	Models from Simple Engraving to Simple Relief.	12
„	48	Models from Reponsè Work to Inlaid Flower Pattern Work and High Relief.	12
„	49	Tools used in metal-work.	131
„	50	Models showing the art of coloring bronze.	18
„	51	Lion.	1
„	52	Peony.	1
„	53	Heron.	1
„	54	Dragon.	1
„	55	*Kwannon.*	1

56	Flower-vase with wave and fish pattern.	2
57	Models from Flat Lacquer Work to Raised Lacquer Work.	15
58	Models from Flat Polish to Raised Lacquer Work.	10
59	Models from Raised Polish to High Lacquer Work.	5
60	Models showing different methods of Lacquer work.	70
61	Collection of student's Work.	1
62	Tools used in Gold Lacquer and General Lacquer Work.	66

ENGRAVING COURSE.

63	Figures and Animals.	4
64	Figures, Animals, and Buddhist Idols.	6
65	Fisherman.	4
66	Buddhist Priest playing the *biwa*.	1
67	Geese.	1
68	Leopard.	1
69	Cat.	1
70	Ox.	1
71	Dog.	1
72	Wild Boar.	1
73	Hare.	1
J 74	Deer.	1
„ 75	Hare.	1
„ 76	Ox.	1
„ 77	Hare.	1
„ 78	Rat.	1
„ 79	Horse.	1
„ 80	Tortoise.	1

ART INDUSTRIAL COURSE.

„ 81	Chiseled catfish inlaid in yellow copper.	1
„ 82	Chiseled catfish inlaid in copper.	1
„ 83	Chiseled birds inlaid in copper.	1
„ 84	Chiseled monkey inlaid in copper.	1
„ 85	Chiseled snow, moon, and flowers inlaid in copper.	1
„ 86	Inlaid melons engraved on copper.	1
„ 87	Chiseled peony inlaid in copper.	1
„ 88	Chiseled *reishi* (a species of hard mushroom) inlaid in copper.	1
„ 89	Chiseled fox inlaid in iron.	1
„ 90	Chiseled stork on *shibuichi* ground.	1
„ 91	Chiseled birds with cherries on *shibuichi* ground.	1
„ 92	Chiseled peony on *shakudō* ground.	1

J	93	Chiseled swallow with willow on silver.	1
„	94	Chiseled hare on *shakudō*.	1
„	95	Chiseled distaff on *shakudō*.	1
„	96	Chiseled deer with maples on copper.	1
J	97	Chiseled fancy chariot on *shakudō*.	1
„	98	Chiseled heron with snow on *shibuichi* ground.	1

KYŌTO FINE ART SCHOOL.

DRAWING.

J	99	Flowers and trees.	1
„	100	Flowers and insects.	1
„	101	Fruits.	1
„	102	Ancient pictures.	1
„	103	Flowers of the four seasons.	1
„	104	Birds and flowers.	1
„	105	The noted places at Kyōto.	1
„	106	Figures.	1
„	107	Design for sculpture.	1
„	108	Design for bronze work.	1
J	109	Design for lacquer work.	1
„	110	Design for porcelain.	1
„	111	Design for pottery.	1
„	112	ditto	1
„	113	Design for embroidery.	1
„	114	Design for *Yūzen*.	1
„	115	Design for woolen staff.	1
„	116	Design for cloisoné.	1

GROUP 149. CLASS 852.

TŌKYŌ MUSIC SCHOOL.

	CLASSICAL MUSICAL INSTRUMENTS.		K	19	Gidayū-shamisen (guitar for drama). 1
1	Kagurabue (used in sacred dancing).	1	„	20	Gidayū-Kendai (music stand for drama). 1
2	Ryūteki.	1	„	21	Nōbue. 1
3	Komabue.	1	„	22	Nōtaiko. 1
4	Shichiriki.	1	„	23	Ōtsuzumi (large drum). 1
5	Hōshō.	1	„	24	Kotsuzumi (small drum). 1
6	Wagon (Harp of six strings).	1			**CHINESE MUSICAL INSTRUMENTS.**
7	Koto (a kind of harp or lyre).	1	„	25	Shinteki. 1
8	Biwa (lute with four strings).	1	„	26	Dōshō. 1
9	Taiko (drum).	1	„	27	Gekkin. 1
10	Kakko (a kind of drum).	1	„	28	Genkan. 1
11	Shōko (a kind of war-drum).	1	„	29	Biwa (four-stringed lute). 1
12	Shakubyōshi.	1 set.	„	30	Teikin. 1
13	Rikkan.	1 „	„	31	Keikin. 1
	POPULAR MUSICAL INSTRUMENTS.		„	32	Kokin. 1
			„	33	Jahisen. 1
14	Shakuhachi (a kind of flute or pipe).	1	„	34	Yōkin. 1
15	Koto (a kind of harp or lyre).	1	„	35	Mokkin. 1
16	ditto	1	„	36	Taiko. 1
17	Kokyū (three-stringed violin).	1	„	37	Hakuhan. 1 set.
18	Shamisen (guitar).	1			**EUROPEAN MUSICAL INSTRUMENTS.**
			„	38	Organ. 1
			„	39	ditto 1

K	40	Organ.	1
„	41	Violin.	1
„	42	ditto	1
„	43	ditto	1
„	44	ditto	1
„	45	ditto	1
„	46	ditto	1
„	47	ditto	1
„	48	ditto	1
„	49	ditto	1
„	50	ditto	1
		DRAWINGS AND PICTURES RELATING TO MUSIC.	
„	51	Folding screen.	2
„	52	Tablet.	1
„	52	ditto	1
„	54	Roll.	2
„	55	Photograph of musical instruments.	40
„	56	Plan of the Tokyo Music School.	1
		BOOKS RELATING TO MUSIC.	
„	57	"Gagaku Setsumeisho (Explanation of Classical Music).	1
„	58	"Zokugaku Senritsukō" (Book on Popular Music).	1
„	59	"Gagaku Onkai Setsumei" (Book on Popular Music).	2
„	60	"Gazoku Gakki *Chō-on*" (Tuning of Classical and Popular Musical Instruments).	1
K	61	ditto	3 cases
„	62	Examination papers of the pupils of the Tōkyō Music School.	1
„	63	Calendar of the Tōkyō Music School.	1
„	64	Ditto (in English).	1
„	65	"Shōkashū" (Collection of Songs).	3
„	66	"Yōchiyen Shōkashū" (Collection of Kindergarten Songs).	1
„	67	"Chūto Shōkashū" (Collection of Middle School Songs).	1
„	68	Chart of Songs.	3
„	69	"Sōkyoku Shū" (Collection of Songs for *Koto*-Playing).	1
„	70	"Ongaku Mondō" (Book on Music).	1
„	71	"Ongaku Shinan" (Guide for Music).	1
„	72		
„	73	"Gakkyoku" (Musical Notes).	1
„	74	Brief Report relating to the Result of Musical Investigations.	1
„	75	Ditto (in English).	10

K	75	Book on Musicians.	46	K	81	"Ongaku Riron" (Theory of Music).	1
	76	"Ongaku Ryakkai" (Book on Music).	6	„	82	"Shimpen Ongaku Riron" (Theory of Music, New Edition).	1
	77	"Seikyoku Ruisan" (Book on Musical Notes).	6				
	78	"Shūko Jusshu" (Collection of Antiquity).	18	„	83	"Ongaku Rigai" (Treatise on Music).	4
	79	"Kabu Ongaku-shi" (Brief History of Singing and Dancing).	2	„	84	"Nōgaku Zushiki" (Representation of *nō*-dancing).	1
	80	"Ongaku Michi-shirube" (Guide for Music).	2	„	85	"Hompō Zokugaku Fu" (Popular Musical Notes of Japan).	6

GLOUP 149. CLASS 852.

AGRICULTURAL SCHOOLS.

	1	Photograph of school buildings.	1	L	8	*Umagutsu* (horse-shoe made of straw).	1
	2	Plan of school buildings.	1	„	9	*Ushigutsu* (straw shoes for cows and oxen).	1
	3	*Fugo* (a kind of straw bag).	1				
	4	Straw mattress.	1	„	10	*Waranji* (straw sandals).	1
	5	*Mokko* (basket for carrying earth).	1				
	6	*Warabitsu* (straw box for boiled rice).	1	„	11	*Zōri* (a kind of sandals made of straw).	1
	7	*Mino* (a kind of straw coat).	1	„	12	*Nawa* (rope).	2

L	13	*Warabōki* (straw broom).	1
„	14	*Momi* (unhulled rice).	3
„	15	*Daizu* (*Soja hispida*).	2
„	16	*Shōzu* (*Phaseolus radiatus*).	2
„	17*a*	Photograph of pupils at work.	7
„	17*b*	Drawing of pupils at work.	7
„	18	Photograph of a horse suffering from disease.	1 tablet.
„	19	Calendar of the Agricultural School in the Prefecture of Miyagi.	1
„	20	Hand-book for pupil's use.	1
„	21	Note-book for registering the daily condition of silkworms.	1
„	22	*Kome* (rice).	1
„	23	*Ōmugi* (barley).	1
„	24	*Komugi* (wheet).	1
„	25	*Hadakamugi* (rye).	1
„	26	*Daizu* (*Soja hispida*).	1
„	27	Sandy oat.	1
„	28	*Brassica chinensis*.	1
„	29	Hay.	12 kinds.
„	30	Silkworm cocoons.	3
„	31	Tea.	1
„	32	*Takenoko* (bamboo sprouts).	1
„	33	*Mikwan* (a kind of orange).	1
L	34	*Kinkwan* (*Citrus japonica*).	1
„	35	Specimens of silk worms suffering from disease.	10
„	36	Botanical specimens.	300
„	37	Photograph.	2
„	38	ditto.	1
„	39	Calendar of the Sapporo Agricultural School.	100
„	40	Plan of the lands belonging to the Sapporo Agricultural School.	
„	41	Plan of the lands for practical training in agriculture, attached to the Sapporo Agricultural School.	1
„	42	Plan of the Botanic Garden and Museum attached to the Sapporo Agricultural School.	1
„	43	*Kome* (rice).	1
„	44	Silkworm cocoons.	1 case.
„	45	*Daizu* (*Soja hispida*).	1
„	46	(Withdrawn).	
„	47	A kind of castrating instrument.	5
„	48	*Urushimai* (rice).	9
„	49	*Mochigome* (glutinous rice).	10
„	50	*Hadakamugi* (rye).	
„	51	*Komugi* (wheat).	
„	52	*Omugi* (barley).	11
„	53	*Karasumugi* (a kind of oats).	1

L	54	*Saito* (a kind of bean).	1	L	58	Raw silk.	2
„	55	*Daizu* (*Soja hispida*).	3	„	59	Thread made of hemp.	1
„	56	Seeds of hemp.	1	„	60	Wool.	1
„	57	Silkworm cocoons.	2				

GROUP 149. CLASS 853.

STATISTICAL TABLES AND CHARTS.

M	1	Table showing the number of instructors and teachers, students and pupils, etc., in the government, public and private schools.	1
„	2	Comparative table showing the number of pupils receiving instruction *per centum* of the school population.	1
„	3	Table showing the number of pupils of government, public, and private special schools, with reference to the subjects of study.	1
		Table showing the number of teachers, pupils, and graduates in the various institutions under the direct control of the Imperial Japanese Department of Education.	1
M	4	Table showing the amount of the income and expenditure of the public elementary schools.	1
„	5	Table showing the number of male and female pupils receiving instruction *per centum* of the school population	1
„	6	Table showing the number of graduates of the Im-	

		perial University, Japan.	1
M	12	Plan of the Imperial University.	1
„	13	Plan of the Library of the Imperial University.	1
„	14	Plan of the Law and Literative Colleges.	1
„	15	Plan of the Engineering College.	1
„	16	Plan of the Science College.	1
„	17	Plan of the Botanic Garden attached to the Science College.	1
„	18	Plan of the Biological Class Rooms of the Imperial University.	I
„	19	Plan of the Agricultural College.	1
„	20	Plan of the Higher Normal School.	1
„	21	Plan of the Higher Female Normal School.	1
„	22	Plan of the Higher Commercial School.	1
„	23	Plan of the First Higher Middle School.	1
„	24	Plan of the Second Higher Middle *School.*	1
M	25	Plan of the Third Higher Middle School.	
„	26	Plan of the Fourth Higher Middle School.	1
„	27	Plan of the Fifth Higher Middle School.	1
„	28	Plan of the Yamaguchi Higher Middle School.	1
„	29	Plan of the Kagoshima Higher Middle School (*Zōshikwan*).	1
„	30	Plan of the Tokyo Technical School.	1
„	31	Plan of the Tokyo Fine Art School and the Tokyo Library.	1
„	32	Plan of the Tokyo Academy of Music.	1
„	33	Plan of the Tokyo Blind and Dumb School.	1
„	34	Outlines of Modern Education in Japan.	500 vols.
„	35	Nineteenth Annual Report of the Minister of State for Education.	1 case.

GROUP 149. CLASS 855.

TEXT BOOKS.

M	1	"Shōgaku Yomikaki Kyōjusho" (Elementary Reading and Writing). 2 vols.	
„	2	"Shōgaku Tokuhon" (Elementary Readers). 4 „	
„	3	"Shōgaku Shūjihon" (Copy-book for Elementary Schools). 3 „	
„	4	"Tokusho Nyūmon (Readers for Beginners). 1 „	
„	5	"Junjō Shōgaku Tokuhon" (Readers for Ordinary Elementary School). 7 „	
„	6	"Shōgaku Shūjisho" (Copy-book for Elementary Schools). 47	
„	7	"Junjō Shōgaku Sakubun Kyōju Yōsho" (Composition for Elementary Schools). 3 vols.	
„	8	"Kōtō Shōgaku Tokuhon" (Readers for Higher Elementary Schools). 5 vols.	
M	9	"Kōtō Shōgaku Rekishi (History for Higher Elementary Schools). 3 „	
„	10	English Readers. 5 „	
„	11	Elementary Gymnastics. 1 „	
„	12	"Kagaku Kyōkwasho" (Text-book of Inorganic Chemistory). 2 „	
„	13	"Kikagaku Kyōkwasho" (Text-book of Geometry). 2 „	
„	14	"Rinri Sho" (Morals). 1 „	
„	15	"Nippon Bunmeishiryaku" (Brief History of the Civilization of Japan). 5 „	
„	16	"Nippon Kyōikushi" (History of Education in Japan). 2 „	
„	17	Russian-Japanese Dictionary. 2 „	
„	18	Dōbutsu Tsūkai	

		(Elementary Botany).	2 vols.	M	23	"Genkai" (Japanese Dictionary), by F. Otsuki.	1
M	19	Ditto (Vol. II.).	2 „	„	24	Map of Japan showing some facts relating to Education.	1
„	20	Charts for instruction in elementary reading and composition.	61	„	25	Copy-book for Drawing, for Elementary Schools.	8 vols.
„	21	Charts for instruction in Arithmetic for Elementary Schools.	18	„	26	Text-book of Elementary Botany, by Takata and Takahashi.	15 „
„	22	Chart for instruction in reading for elementary schools.	1				

THE EDUCATIONAL SOCIETY OF JAPAN.

O	1	A short Account of the Educational Society of Japan.	90			educationists of Japan.	3
„	2	Description of the Grand Meeting of the Educational Society of Japan.	5	O	4	"Kyōikukwa Hikkei" (Hints to Educationists).	3
„	3	Report of the Meeting of all the		„	5	Historical picture.	2
				„	7	Journal of the Educational Society of Japan.	20

THE END.

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